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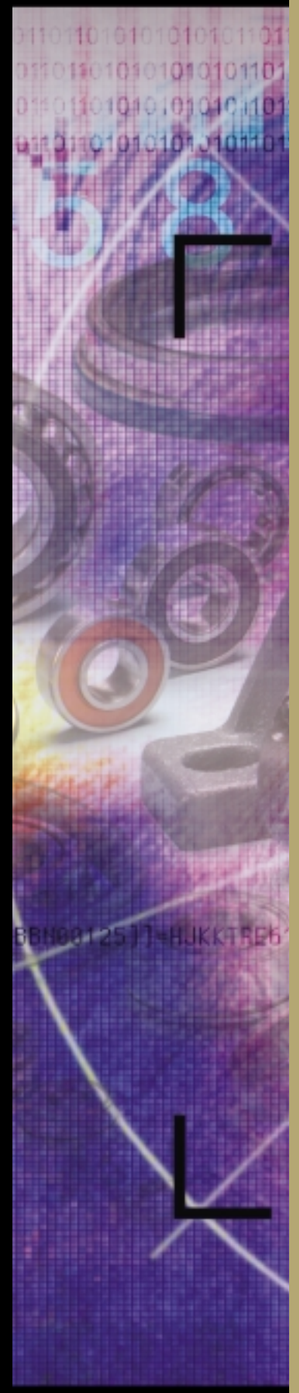
Proud Member of:

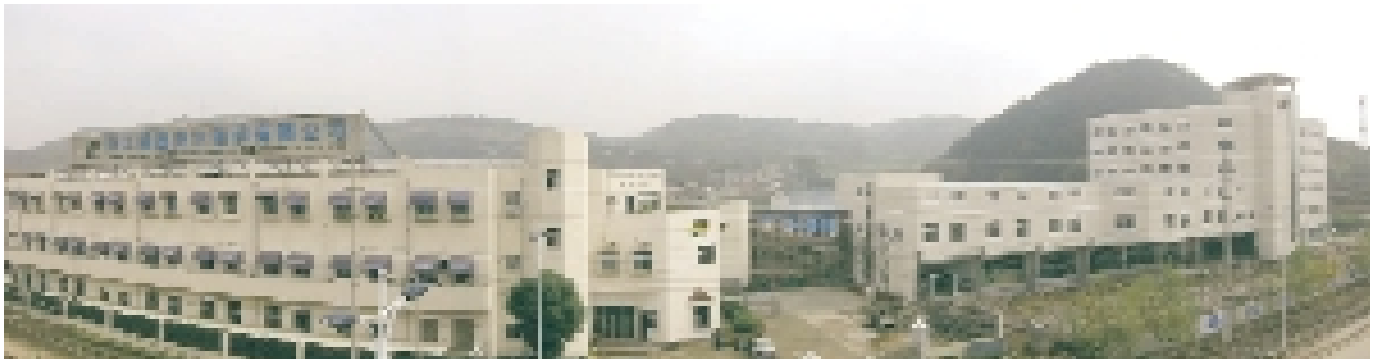
Mounted Ball Bearing Units



PEER Bearing Company Mounted Ball Bearing Units Catalog NS-289

Mounted Ball Bearing Units

International PEER Facilities



PEER Radial Bearing Factory, China

PEER Tapered Bearing Factory, China

PEER NPZ Small Bore Bearing Factory, China

PEER Bearing S.A. Cordoba, Argentina

and PEER Bearing Europe Cricklade, Wiltshire, and England

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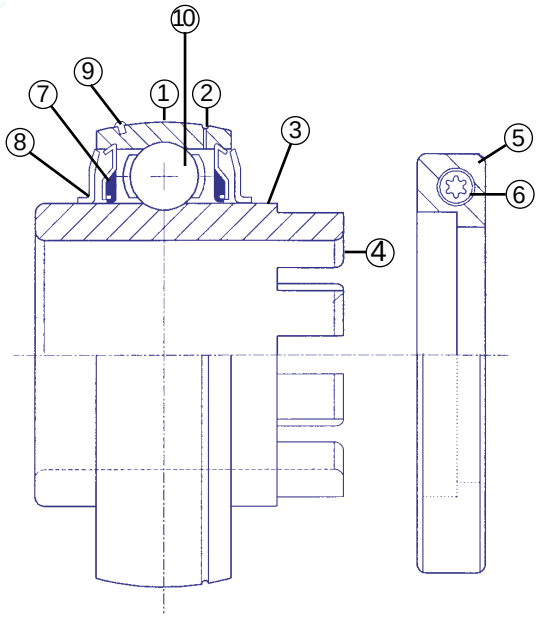
GRIP-IT MEANS LONGER LASTING, IMPORTANT MAINTENANCE

PEER's GR Series

GRIP-IT bearings are ideal for bi-directional applications and can replace both set screw locking and eccentric collar locking bearings. Available in a full range of sizes, the new "GR" series self aligning bearings can be used in all standard cast iron, malleable and pressed steel housings making it a drop-in replacement for your current bearing unit.

1. Through hardened steel spherical outer ring
2. Grease relubrication groove and oil holes
3. Through hardened steel wide inner ring
4. Special heat treated gripping "Fingers"
5. Concentric split locking collar
6. Torx® style socket head cap screw
7. Full contact metal shroud seals
8. Metal slingers
9. Anti-Rotation pin
10. Standard load capacity steel balls

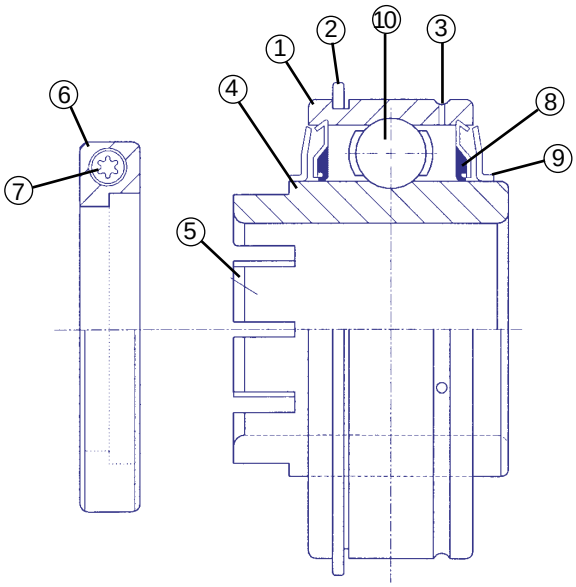


PEER's GR Series

PEER's GER Series

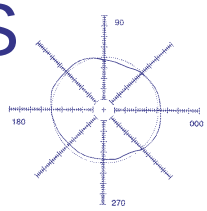
Replaces PEER'S popular SER series bearings. Cylindrical outer ring with snap ring makes this ideal for conveyor and printing roller applications. Also available with non contact "Z" shields for high speed, free-spinning applications.

1. Through hardened steel spherical outer ring
2. Machined groove with steel snap ring
3. Grease relubrication groove and oil holes
4. Through hardened steel wide inner ring
5. Special heat treated gripping "Fingers"
6. Concentric split locking collar
7. Torx® style socket head cap screw
8. Full contact metal shroud seals
9. Metal slingers
10. Standard load capacity steel balls



PEER's GER Series

QUIETER BEARING UNITS... AND REPLACEMENT SAVINGS

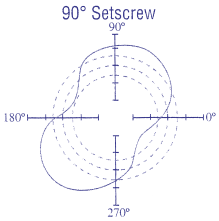


True center line
Using PEER'S GR Series Bearing.

How GRIP-IT ball bearings do it:

Forget the old-fashioned mechanism that pushes the shaft against one side of the bearing ring. (Figure A). PEER's GRIP-IT mounted units are designed to produce 360 degrees of equalized locking contact. (Figure B). The shaft is centered concentrically in the bore of the bearing and always runs true. Shaft offset is eliminiated and premature locking failure is minimized. Since locking design is a major factor in mounted bearing performance, GRIP-IT stands out as a major advantage.

- Shaft offset eliminated
- Vibration and noise significantly reduced
- Rotational balance remains constant
- GRIP-ITs are easily removed or repositioned. Since they do not mar or score the shaft, they are easier and less expensive to service.



Offset using conventional set screw locking.

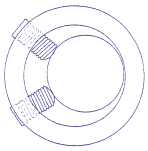


Figure A
Offset using set screws

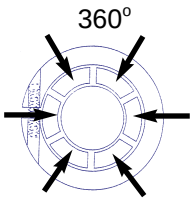


Figure B
True center line

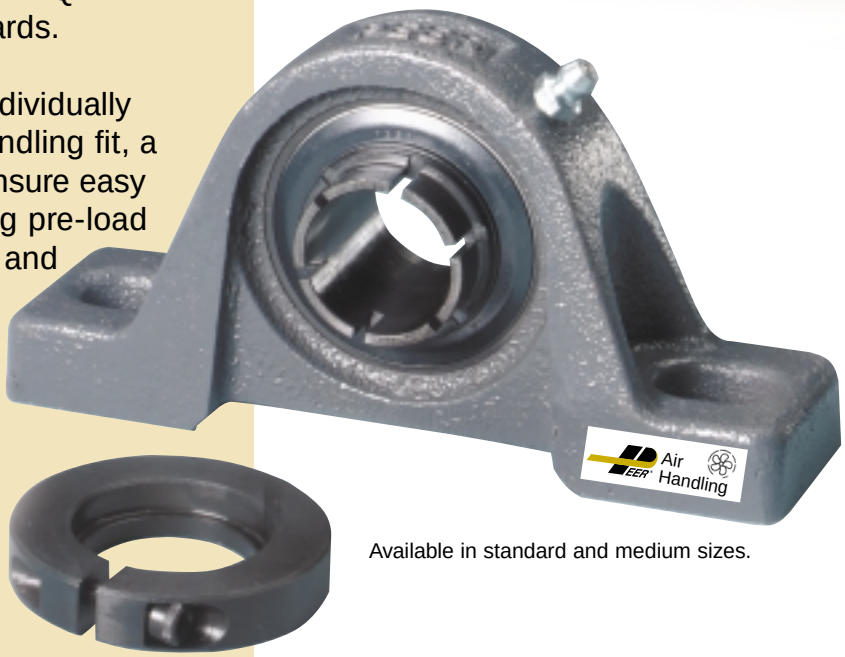
Available in most standard, medium and light duty housings.

Air Handling Mounted Units for use in

HVAC

Applications

- 100% noise tested on state-of-the-art Anderon Meter equipment to EMQ (electric motor quality) standards.
- Bearings and housings are individually matched to achieve an air handling fit, a unique set of tolerances to ensure easy alignment and prevent bearing pre-load when mounting on light steel and aluminum frames.
- Solid foot housing design is standard on all pillow blocks, 2-bolts and heavy duty 4-bolt flanges to offer greater mounting stability.
- Each bearing is manufactured with SAE52100 bearing steel with grade 10 or better balls. Our 62 degree set screw angle is proven to provide greater locking power between the bearing and shaft.
- Final assembly of each air handling unit is done at PEER's Waukegan, IL plant and each unit is then certified and labeled for air handling use.



Available in standard and medium sizes.

Corrosion Resistant Mounted Units...

Stainless steel units… the clear choice for extreme conditions with heavier loads.

Even under the harshest conditions - sulfuric, nitric or acetic acids and in contaminated or uncontaminated water conditions - PEER's all stainless steel units provide excellent corrosion resistance.

- Stainless steel housings are designed with solid bases/backs and smooth surfaces to allow for complete and easy wash-down.
- Stainless steel bearings are designed with extended inner rings for shaft stability and set screw locking for bi-directional applications.*
- Standard closures include a stainless steel slinger over a full contact silicon seal to form a double barrier of protection during operation and wash-down.
- Stainless steel bearings are filled with FDA/USDA (approved for incidental food contact) water/wash resistant, odorless, tasteless Mobilgrease FM102.
- Stainless steel units are available from stock:*
  - Pillow blocks (P)
  - Tapped-base pillow blocks (PAS)
  - Two-bolt flange (FT)
  - Three-bolt-flange (FB)
  - Four-bolt flange (F).
- Stainless steel bearings are available in common inch and metric shaft sizes ranging from $^1/_2$" to $1^1/_2$" and 20mm to 40mm.*

to operate in virtually any corrosive environment

PBT Thermoplastic Housings with Stainless Steel Bearings... *or*...PBT Thermoplastic Housings with Stainless/Zinc Chromate Bearings...

Two great options for severe conditions

PEER Thermoplastic housings will cope with severe wash-down conditions and temperatures to 285° F and have a tensile strength of 17,300 PSI (ASTM D638). They are resistant to moisture absorption and have high mechanical properties. These units maintain excellent chemical resistant ratings even in contact with hydrochloric, sulfuric, nitric and acetic acids. In addition, they can resist most hydroxides and alcohols.

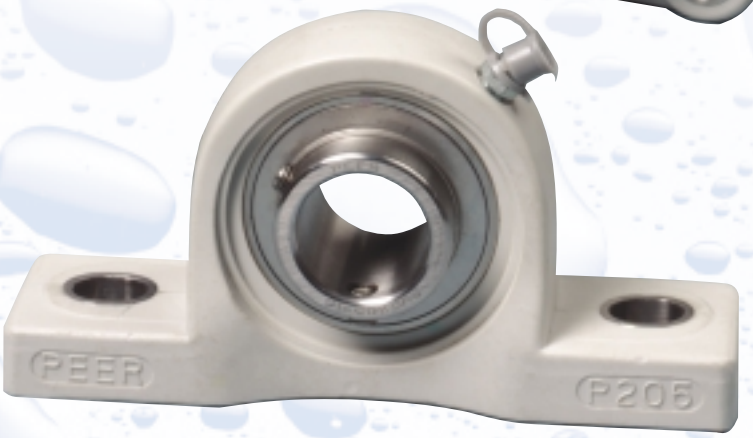
- Housings are made from G.E. Valox® virgin PBT thermoplastic material and are designed with solid bases/backs and smooth surfaces to allow for complete and easy wash-down.

- Stainless steel and stainless/zinc chromate bearings are designed with extended inner rings for shaft stability and set screw locking for bi-directional applications.*

- Standard closures include a stainless steel slinger over a full contact silicon seal to form a double barrier of protection during operation and wash-down.

- Stainless steel and stainless/zinc chromate bearings are filled with FDA/USDA (approved for incidental food contact) water/wash resistant, odorless, tasteless Mobilgrease FM102.

- Thermoplastic units are available from stock:*
  - Pillow blocks (P)
  - Tapped base pillow blocks (PAS)
  - Two-bolt flange (FT)
  - Three bolt-flange (FB)
  - Four-bolt flange (F)
  - Hanger (HA)
  - Take-up (T)



- Stainless steel and stainless/zinc chromate bearings are available in common inch and metric shaft sizes from 1/2" to 1 1/2" and 20mm to 40mm.*

* For alternative locking devices, additional housings styles and bore sizes, please contact your PEER Bearing Co. sales representative.

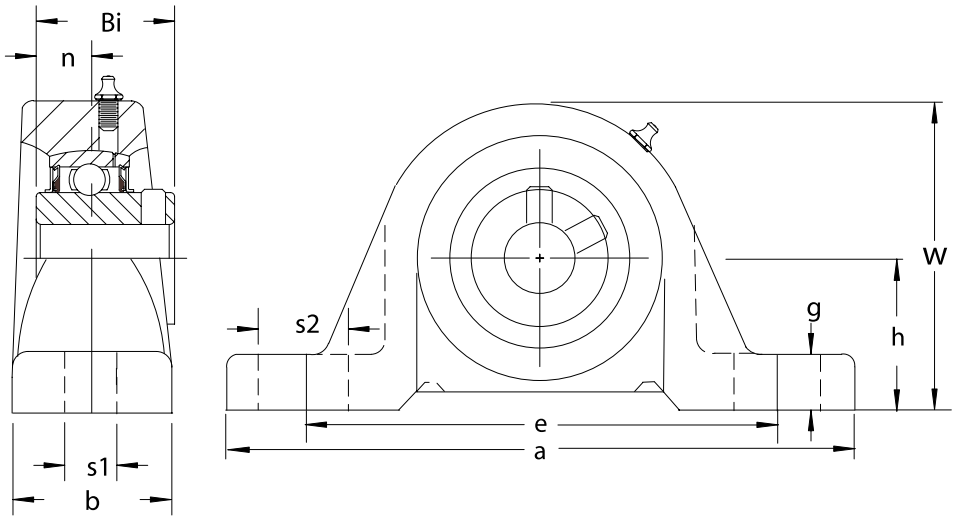
Pillow Blocks – Standard Shaft Height
UCP200 Series Set Screw Locking

- Standard duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

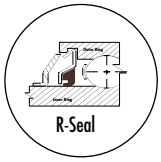
Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
UCSP201 -8 UCSP201 -12mm UCSP202 -9 UCSP202 -10 UCSP202 -15mm UCSP203 -11 UCSP203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	5 15/32 138.8	3 5/8 92.1	1 17/64 32.2	7/16 11.1	7/8 22.2	15/32 11.9	2 7/32 56.4	1.024 26.00	0.394 10.00	3/8	UCS201 -8 UCS201 -12mm UCS202 -9 UCS202 -10 UCS202 -15mm UCS203 -11 UCS203 -17mm	P-203S-HA
UCP201 -8 UCP201 -12mm UCP202 -9 UCP202 -10 UCP202 -15mm UCP203 -11 UCP203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	17/32 13.5	2 15/32 62.7	1.220 31.00	0.500 12.70	3/8	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	P-203-HA
UCP204 -12 UCP204 -13 UCP204 -20mm	3/4 13/16 20mm	1 5/16 33.34	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	17/32 13.5	2 17/32 64.3	1.220 31.00	0.500 12.70	3/8	UC204 -12 UC204 -13 UC204 -20mm	P-204-HA
UCP205 -13 UCP205 -14 UCP205 -15 UCP205 -16 UCP205 -25mm	13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	5/8 15.9	2 25/32 70.6	1.339 34.00	0.563 14.30	3/8	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	P-205-HA
UCP206 -17 UCP206 -18 UCP206 -19 UCP206 -20 UCP206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	21/32 16.7	3 9/32 83.3	1.500 38.10	0.626 15.90	1/2	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	P-206-HA
UCP207 -20 UCP207 -21 UCP207 -22 UCP207 -23 UCP207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	23/32 18.3	3 11/16 93.7	1.689 42.90	0.689 17.50	1/2	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	P-207-HA
UCP208 -24 UCP208 -25 UCP208 -40mm	1 1/2 1 9/16 40mm	1 15/16 49.21	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	1.937 49.20	0.748 19.00	1/2	UC208 -24 UC208 -25 UC208 -40mm	P-208-HA
UCP209 -26 UCP209 -27 UCP209 -28 UCP209 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 1/8 53.89	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	3/4 19.1	4 1/4 107.1	1.937 49.20	0.748 19.00	1/2	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	P-209-HA

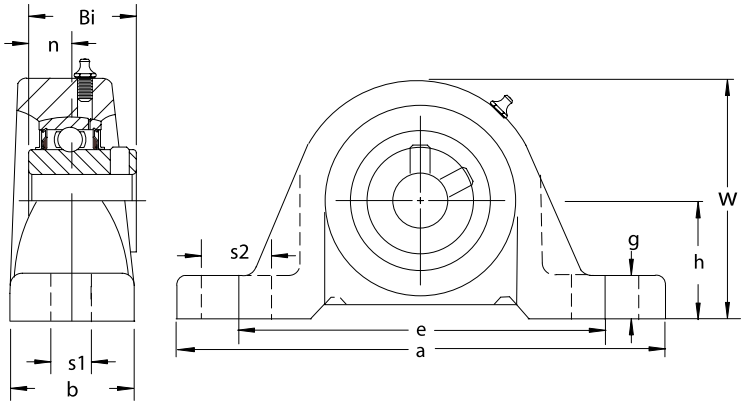


Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
UCP210 -29 UCP210 -30 UCP210 -31 UCP210 -32 UCP210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 1/4 57.15	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	3/4 19.1	4 9/16 115.9	2.031 51.60	0.748 19.00	5/8	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	P-210-HT
UCP211 -32 UCP211 -33 UCP211 -34 UCP211 -35 UCP211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	2 1/2 63.50	8 5/8 219.1	6 23/32 170.7	2 5/16 58.9	25/32 19.8	7/8 22.2	7/8 22.2	4 31/32 126.2	2.189 55.60	0.874 22.20	5/8	UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	P-211-HT
UCP212 -36 UCP212 -37 UCP212 -38 UCP212 -39 UCP212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	2 3/4 69.85	9 7/16 239.7	7 1/4 184.2	2 27/64 61.6	25/32 19.8	1 25.4	7/8 22.2	5 9/16 141.3	2.563 65.10	1.000 25.40	5/8	UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	P-212-HT
UCP213 -40 UCP213 -41 UCP213 -65mm	2 1/2 2 9/16 65mm	3 76.20	10 7/16 265.1	8 203.2	2 53/64 71.9	1 25.4	1 3/16 30.2	1 25.4	6 3/64 153.6	2.563 65.10	1.000 25.40	3/4	UC213 -40 UC213 -41 UC213 -65mm	P-213-HT
UCP214 -42 UCP214 -43 UCP214 -44 UCP214 -70mm	2 5/8 2 11/16 2 3/4 70mm	3 1/8 79.38	10 15/32 265.9	8 9/32 210.3	2 27/32 72.1	1 25.4	1 3/16 30.2	1 7/64 28.2	6 9/32 159.5	2.937 74.60	1.189 30.20	3/4	UC214 -42 UC214 -43 UC214 -44 UC214 -70mm	P-214-HT
UCP215 -45 UCP215 -46 UCP215 -47 UCP215 -48 UCP215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	3 1/4 82.55	10 13/16 274.6	8 17/32 216.7	2 7/8 73.0	1 25.4	1 3/16 30.2	1 25.4	6 5/8 168.3	3.063 77.80	1.311 33.30	3/4	UC215 -45 UC215 -46 UC215 -47 UC215 -48 UC215 -75mm	P-215-HT
UCP216 -50 UCP216 -80mm	3 1/8 80mm	3 1/2 88.90	11 1/2 292.1	9 1/8 231.8	3 1/16 77.8	1 25.4	1 3/8 34.9	1 11/32 34.1	6 15/16 176.2	3.252 82.60	1.311 33.30	3/4	UC216 -50 UC216 -80mm	P-216-HT
UCP217 -52 UCP217 -55 UCP217 -85mm	3 1/4 3 7/16 85mm	3 3/4 95.25	12 7/32 310.4	9 23/32 246.9	3 17/64 83.2	1 25.4	1 9/16 39.7	1 7/16 36.5	7 7/16 188.9	3.374 85.70	1.343 34.10	3/4	UC217 -52 UC217 -55 UC217 -85mm	P-217-HT
UCP218 -56 UCP218 -90mm	3 1/2 90mm	4 101.60	12 7/8 327.0	10 5/16 261.9	3 1/2 88.8	1 1/16 27.0	1 25/32 45.2	1 39/64 40.9	7 31/32 202.4	3.780 96.00	1.563 39.70	7/8	UC218 -56 UC218 -90mm	P-218-HT

Pillow Blocks – Low Shaft Heights
UCLP200 Series Set Screw Locking





- Standard duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

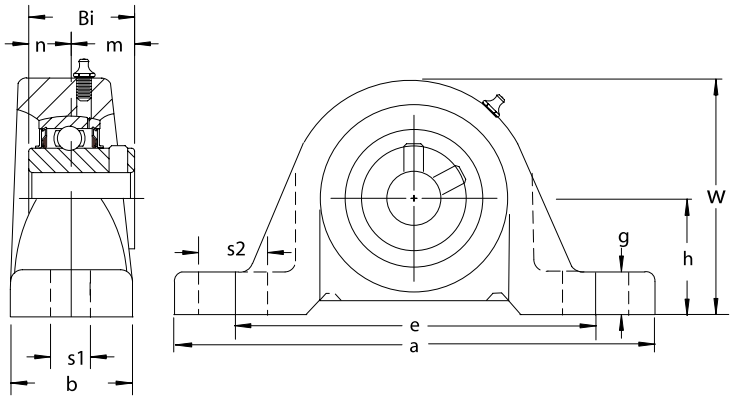
Dimensions in / mm

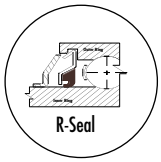
Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
UCSLP201 -8 UCSLP201 -12mm UCSLP202 -9 UCSLP202 -10 UCSLP202 -15mm UCSLP203 -11 UCSLP203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 1/16 26.99	5 15/32 138.8	3 5/8 92.1	1 17/64 32.2	7/16 11.1	7/8 22.2	11/32 8.7	2 3/32 53.2	1.024 26.00	0.394 10.00	3/8	UCS201 -8 UCS201 -12mm UCS202 -9 UCS202 -10 UCS202 -15mm UCS203 -11 UCS203 -17mm	LP-203S-HA
UCLP201 -8 UCLP201 -12mm UCLP202 -9 UCLP202 -10 UCLP202 -15mm UCLP203 -11 UCLP203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 1/4 31.75	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	15/32 11.9	2 15/32 62.7	1.220 31.00	0.500 12.70	3/8	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	LP-204-HA
UCLP204 -12 UCLP204 -13 UCLP204 -20mm	3/4 13/16 20mm	1 1/4 31.75	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	15/32 11.9	2 15/32 62.7	1.220 31.00	0.500 12.70	3/8	UC204 -12 UC204 -13 UC204 -20mm	LP-204-HA
UCLP205 -13 UCLP205 -14 UCLP205 -15 UCLP205 -16 UCLP205 -25mm	13/16 7/8 15/16 1 25mm	1 5/16 33.34	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	1/2 12.7	2 21/32 67.5	1.339 34.00	0.563 14.30	3/8	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	LP-205-HA
UCLP206 -17 UCLP206 -18 UCLP206 -19 UCLP206 -20 UCLP206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 9/16 39.69	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	17/32 13.5	3 5/32 80.2	1.500 38.10	0.626 15.90	1/2	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	LP-206-HA
UCLP207 -20 UCLP207 -21 UCLP207 -22 UCLP207 -23 UCLP207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 13/16 46.04	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	21/32 16.7	3 5/8 92.1	1.689 42.90	0.689 17.50	1/2	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	LP-207-HA
UCP208 -24 UCP208 -25 UCP208 -40mm	1 1/2 1 9/16 40mm	1 15/16 49.21	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	1.937 49.20	0.748 19.00	1/2	UC208 -24 UC208 -25 UC208 -40mm	P-208-HA
UCLP209 -26 UCLP209 -27 UCLP209 -28 UCLP209 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 1/16 52.39	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	11/16 17.5	4 3/16 106.4	1.937 49.20	0.748 19.00	1/2	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	LP-209-HA
UCLP210 -29 UCLP210 -30 UCLP210 -31 UCLP210 -32 UCLP210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 3/16 55.56	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	11/16 17.5	4 1/2 114.3	2.031 51.60	0.748 19.00	5/8	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	LP-210-HT
UCLP211 -32 UCLP211 -33 UCLP211 -34 UCLP211 -35 UCLP211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	2 7/16 61.91	8 5/8 219.1	6 29/32 175.4	2 5/16 58.9	25/32 19.8	1 1/16 26.9	13/16 20.6	4 29/32 124.6	2.189 55.60	0.874 22.20	5/8	UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	LP-211-HT
UCLP212 -36 UCLP212 -37 UCLP212 -38 UCLP212 -39 UCLP212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	2 11/16 68.26	9 1/2 241.3	7 13/32 188.2	2 27/64 61.6	25/32 19.8	1 5/32 29.4	13/16 20.6	5 1/2 139.7	2.563 65.10	1.000 25.40	5/8	UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	LP-212-HT

Pillow Blocks – Medium Duty
UCPX00 Series Set Screw Locking

- Medium duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83





Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
UCPX05 -13 UCPX05 -14 UCPX05 -15 UCPX05 -16 UCPX05 -25mm	13/16 7/8 15/16 1 25mm	1 3/4 44.45	6 1/4 158.8	4 11/16 119.1	2 50.8	21/32 16.7	1 25.4	5/8 15.9	3 3/8 85.7	1.500 38.1	0.626 15.90	0.874 22.2	1/2	UCX05 -13 UCX05 -14 UCX05 -15 UCX05 -16 UCX05 -25mm	P-X05-HA
UCPX06 -17 UCPX06 -18 UCPX06 -19 UCPX06 -20 * UCPX06 -30mm	1 1/16 1 1/8 1 3/16 1 1/4 30mm	1 7/8 47.63	6 7/8 174.6	5 127.0	2 1/4 57.2	21/32 16.7	1 25.4	21/32 16.7	3 11/16 93.7	1.689 42.9	0.689 17.50	1.000 25.4	1/2	UCX06 -17 UCX06 -18 UCX06 -19 UC207 -20 * UCX06 -30mm	P-X06-HA
UCPX07 -20 UCPX07 -21 UCPX07 -22 UCPX07 -23 UCPX07 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2 1/8 53.98	8 203.2	5 21/32 143.7	2 1/4 57.2	21/32 16.7	1 3/16 30.2	3/4 19.0	4 1/8 104.8	1.937 49.2	0.748 19.00	1.189 30.2	1/2	UCX07 -20 UCX07 -21 UCX07 -22 UCX07 -23 UCX07 -35mm	P-X07-HA
UCPX08 -24 UCPX08 -25 UCPX08 -40mm	1 1/2 1 9/16 40mm	2 5/16 58.74	8 3/4 222.3	6 5/32 156.4	2 5/8 66.7	25/32 19.8	1 1/4 31.8	13/16 20.6	4 1/2 114.3	1.937 49.2	0.748 19.00	1.189 30.2	5/8	UCX08 -24 UCX08 -25 UCX08 -40mm	P-X08-HA
UCPX09 -26 UCPX09 -27 UCPX09 -28 UCPX09 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 5/16 58.74	8 3/4 222.3	6 5/32 156.4	2 5/8 66.7	25/32 19.8	1 5/16 33.3	13/16 20.6	4 9/16 115.9	2.031 51.6	0.748 19.00	1.283 32.6	5/8	UCX09 -26 UCX09 -27 UCX09 -28 UCX09 -45mm	P-X09-HT
UCPX10 -29 UCPX10 -30 UCPX10 -31 UCPX10 -32 ** UCPX10 -50mm	1 13/19 1 7/8 1 15/16 2 50mm	2 1/2 63.50	9 1/2 241.3	6 25/32 172.2	2 7/8 73.0	25/32 19.8	1 13/32 35.7	7/8 22.2	4 31/32 126.2	2.189 55.6	0.874 22.20	1.315 33.4	5/8	UCX10 -29 UCX10 -30 UCX10 -31 UC211 -32 ** UCX10 -50mm	P-X10-HT
UCPX11 -32 UCPX11 -33 UCPX11 -34 UCPX11 -35 UCPX11 -36 *** UCPX11 -55mm	2 2 1/16 2 1/8 2 3/16 2 1/4 55mm	2 3/4 69.85	10 1/4 260.4	7 1/4 184.2	3 1/8 79.4	1 25.4	1 13/32 35.7	1 3/32 27.8	5 15/32 138.9	2.563 65.1	1.000 25.40	1.563 39.7	3/4	UCX11 -32 UCX11 -33 UCX11 -34 UCX11 -35 UC212 -36 *** UCX11 -55mm	P-X11-HT
UCPX12 -37 UCPX12 -38 UCPX12 -39 UCPX12 -60mm	2 5/16 2 3/8 2 7/16 60mm	3 76.20	11 1/4 285.8	8 203.2	3 9/32 83.3	1 25.4	1 9/16 39.7	1 3/32 27.8	5 31/32 151.6	2.563 65.1	1.000 25.40	1.563 39.7	3/4	UCX12 -37 UCX12 -38 UCX12 -39 UCX12 -60mm	P-X12-HT
UCPX13 -40 UCPX13 -41 UCPX13 -65mm	2 1/2 2 9/16 65mm	3 76.20	11 1/4 285.8	8 203.2	3 9/32 83.3	1 25.4	1 9/16 39.7	1 3/32 27.8	6 3/32 154.8	2.937 74.6	1.189 30.20	1.748 44.4	3/4	UCX13 -40 UCX13 -41 UCX13 -65mm	P-X13-HT
UCPX14 -42 UCPX14 -43 UCPX14 -44 UCPX14 -70mm	2 5/8 2 11/16 2 3/4 70mm	3 1/2 88.90	13 330.2	9 1/32 229.4	3 1/2 88.9	1 1/16 26.9	1 31/32 50.0	1 1/4 31.8	6 23/32 170.7	3.063 77.8	1.311 33.30	1.752 44.5	7/8	UCX14 -42 UCX14 -43 UCX14 -44 UCX14 -70mm	P-X14-HT
UCPX15 -45 UCPX15 -46 UCPX15 -47 UCPX15 -48 UCPX15 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	3 1/2 88.90	13 330.2	9 1/32 229.4	3 1/2 88.9	1 1/16 26.9	1 31/32 50.0	1 1/4 31.8	6 7/8 174.6	3.252 82.6	1.311 33.30	1.941 49.3	7/8	UCX15 -45 UCX15 -46 UCX15 -47 UCX15 -48 UCX15 -75mm	P-X15-HT
UCPX16 -50 UCPX16 -80mm	3 1/8 80mm	4 101.60	15 381.0	11 5/32 283.4	4 1/32 102.4	1 1/16 26.9	2 9/32 57.9	1 11/32 34.1	7 11/16 195.3	3.374 85.7	1.343 34.10	2.031 51.6	7/8	UCX16 -50 UCX16 -80mm	P-X16-HT
UCPX17 -52 UCPX17 -85mm	3 1/4 85mm	4 101.60	15 381.0	11 5/32 283.4	4 1/32 102.4	1 1/16 26.9	2 3/8 60.3	1 11/32 34.1	7 7/8 200.0	3.780 96.0	1.563 39.70	2.217 56.3	7/8	UCX17 -52 UCX17 -85mm	P-X17-HT

**UCPX06-20 uses standard UC207-20 insert bearing,*
***UCPX10-32 uses standard UC211-32 insert bearing,*
****UCPX11-36 uses standard UC212-36 insert bearing.*

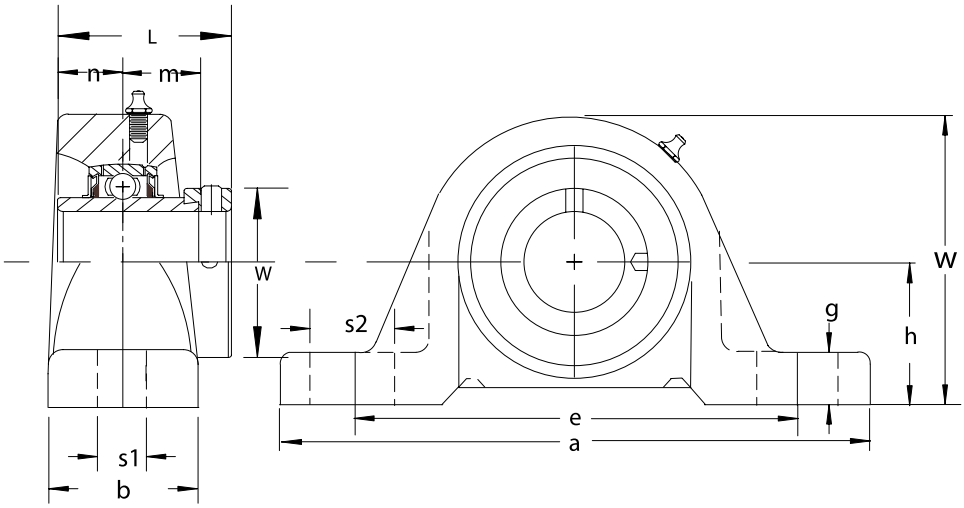
Medium Duty units are available with eccentric locking collar bearings. Example HCPX08-24

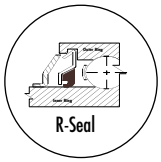
Pillow Blocks – Standard Shaft Height
HCP200 Series Eccentric Locking Collar

- Standard duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm														
HCSP201 -8 **HCSP201 -12mm** **HCSP202 -9** **HCSP202 -10** **HCSP202 -15mm** **HCSP203 -11** **HCSP203 -17mm**	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	5 15/32 138.8	3 5/8 92.1	1 17/64 32.2	7/16 11.1	7/8 22.2	15/32 11.9	2 7/32 56.4	1.47 37.30	0.547 13.90	0.55 13.90	1.13 28.60	3/8	HCS201 -8 HCS201 -12mm HCS202 -9 HCS202 -10 HCS202 -15mm HCS203 -11 HCS203 -17mm	P-203S-HA
HCP201 -8 **HCP201 -12mm** **HCP202 -9** **HCP202 -10** **HCP202 -15mm** **HCP203 -11** **HCP203 -17mm**	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	17/32 13.5	2 15/32 62.7	1.71 43.50	0.669 17.00	0.67 17.00	1.26 32.00	3/8	HC201 -8 HC201 -12mm HC202 -9 HC202 -10 HC202 -15mm HC203 -11 HC203 -17mm	P-203-HA
HCP204 -12 **HCP204 -20mm**	3/4 20mm	1 5/16 33.34	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	17/32 13.5	2 17/32 64.3	1.71 43.50	0.669 17.00	0.67 17.00	1.26 32.00	3/8	HC204 -12 HC204 -20mm	P-204-HA
HCP205 -13 **HCP205 -14** **HCP205 -15** **HCP205 -16** **HCP205 -25mm**	13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	5/8 15.9	2 25/32 70.6	1.74 44.30	0.685 17.40	0.69 17.40	1.50 38.10	3/8	HC205 -13 HC205 -14 HC205 -15 HC205 -16 HC205 -25mm	P-205-HA
HCP206 -17 **HCP206 -18** **HCP206 -19** **HCP206 -20** **HCP206 -30mm**	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	21/32 16.7	3 9/32 83.3	1.90 48.30	0.717 18.20	0.72 18.20	1.75 44.50	1/2	HC206 -17 HC206 -18 HC206 -19 HC206 -20 HC206 -30mm	P-206-HA
HCP207 -20 **HCP207 -21** **HCP207 -22** **HCP207 -23** **HCP207 -35mm**	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	23/32 18.3	3 11/16 93.7	2.01 51.10	0.740 18.80	0.74 18.80	2.19 55.60	1/2	HC207 -20 HC207 -21 HC207 -22 HC207 -23 HC207 -35mm	P-207-HA
HCP208 -24 **HCP208 -25** **HCP208 -40mm**	1 1/2 1 9/16 40mm	1 15/16 49.21	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	2.22 56.30	0.843 21.40	0.84 21.40	2.37 60.30	1/2	HC208 -24 HC208 -25 HC208 -40mm	P-208-HA





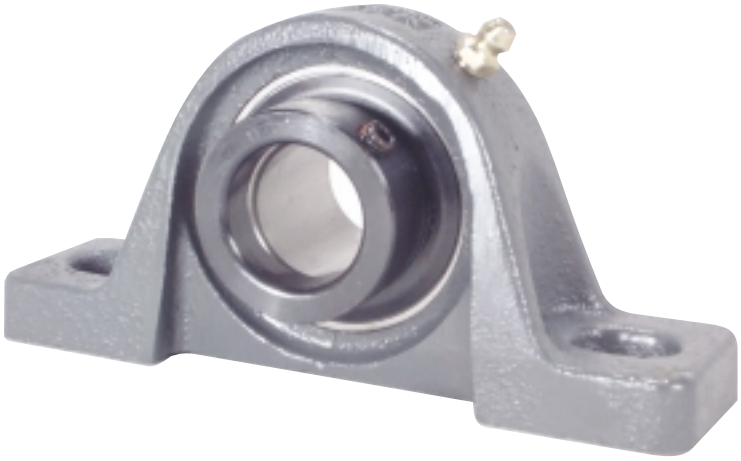
Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
HCP209 -26 HCP209 -27 HCP209 -28 HCP209 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 1/8 53.89	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	3/4 19.1	4 1/4 108.0	2.22 56.30	0.843 21.40	0.84 21.40	2.50 63.50	1/2	HC209 -26 HC209 -27 HC209 -28 HC209 -45mm	P-209-HA
HCP210 -29 HCP210 -30 HCP210 -31 HCP210 -32 HCP210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 1/4 57.15	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	3/4 19.1	4 9/16 115.9	2.47 62.70	0.969 24.60	0.97 24.60	2.75 69.90	5/8	HC210 -29 HC210 -30 HC210 -31 HC210 -32 HC210 -50mm	P-210-HT
HCP211 -32 HCP211 -33 HCP211 -34 HCP211 -35 HCP211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	2 1/2 63.50	8 5/8 219.1	6 23/32 170.7	2 5/16 58.9	25/32 19.8	7/8 22.2	7/8 22.2	4 31/32 126.2	2.81 71.40	1.090 27.70	1.09 27.70	3.00 76.20	5/8	HC211 -32 HC211 -33 HC211 -34 HC211 -35 HC211 -55mm	P-211-HT
HCP212 -36 HCP212 -37 HCP212 -38 HCP212 -39 HCP212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	2 3/4 69.85	9 7/16 239.7	7 1/4 184.2	2 27/64 61.6	25/32 19.8	1 25.4	7/8 22.2	5 9/16 141.3	3.06 77.80	1.217 30.90	1.22 30.90	3.31 84.10	5/8	HC212 -36 HC212 -37 HC212 -38 HC212 -39 HC212 -60mm	P-212-HT
HCP213 -40 HCP213 -41 HCP213 -65mm	2 1/2 2 9/16 65mm	3 76.20	10 7/16 265.1	8 203.2	2 53/64 71.9	1 25.4	1 3/16 30.2	1 25.4	6 3/64 153.6	3.37 85.70	1.343 34.10	1.34 34.10	3.39 86.00	3/4	HC213 -40 HC213 -41 HC213 -65mm	P-213-HT
HCP214 -42 HCP214 -43 HCP214 -44 HCP214 -70mm	2 5/8 2 11/16 2 3/4 70mm	3 1/8 79.38	10 15/32 265.9	8 9/32 210.3	2 27/32 72.1	1 25.4	1 3/16 30.2	1 7/64 28.2	6 9/32 159.5	3.37 85.70	1.343 34.10	1.34 34.10	3.54 90.00	3/4	HC214 -42 HC214 -43 HC214 -44 HC214 -70mm	P-214-HT
HCP215 -45 HCP215 -46 HCP215 -47 HCP215 -48 HCP215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	3 1/4 82.55	10 13/16 274.6	8 17/32 216.7	2 7/8 73.0	1 25.4	1 3/16 30.2	1 25.4	6 5/8 168.3	3.63 92.10	1.469 37.30	1.47 37.30	4.00 101.60	3/4	HC215 -45 HC215 -46 HC215 -47 HC215 -48 HC215 -75mm	P-215-HT

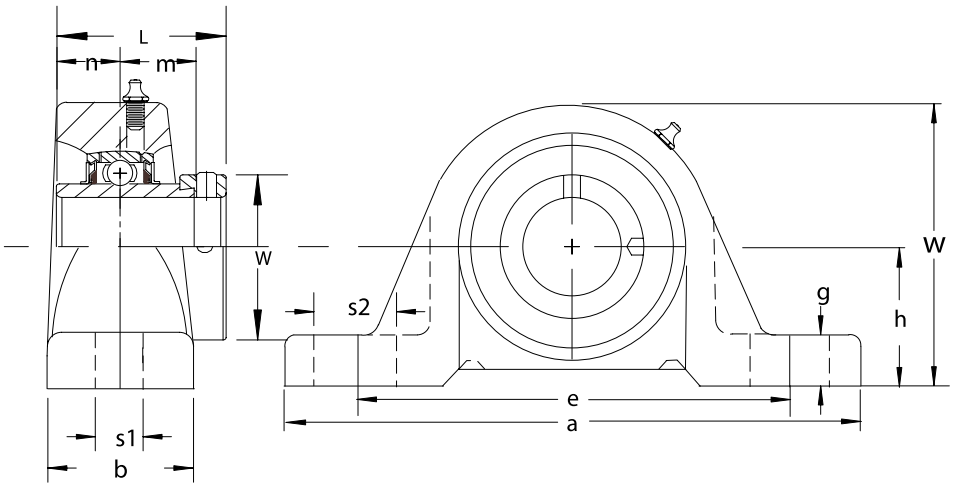
Pillow Blocks – Low Shaft Height
HCLP200 Series Eccentric Locking Collar

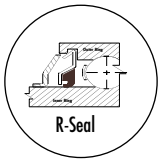
- Standard duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83



Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
						Dimensions in / mm										
HCSLP201 -8 **HCSLP201 -12mm** **HCSLP202 -9** **HCSLP202 -10** **HCSLP202 -15mm** **HCSLP203 -11** **HCSLP203 -17mm**	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 1/16 26.99	5 15/32 138.8	3 5/8 92.1	1 17/64 32.2	7/16 11.1	7/8 22.2	11/32 8.7	2 3/32 53.2	1.47 37.30	0.547 13.90	0.55 13.90	1.13 28.60	3/8	HCS201 -8 HCS201 -12mm HCS202 -9 HCS202 -10 HCS202 -15mm HCS203 -11 HCS203 -17mm	LP-203S-HA
HCLP201 -8 **HCLP201 -12mm** **HCLP202 -9** **HCLP202 -10** **HCLP202 -15mm** **HCLP203 -11** **HCLP203 -17mm**	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 1/4 31.75	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	15/32 11.9	2 15/32 62.7	1.71 43.50	0.669 17.00	0.67 17.00	1.26 32.00	3/8	HC201 -8 HC201 -12mm HC202 -9 HC202 -10 HC202 -15mm HC203 -11 HC203 -17mm	LP-204-HA
HCLP204 -12 **HCLP204 -20mm**	3/4 20mm	1 1/4 31.75	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	15/32 11.9	2 15/32 62.7	1.71 43.50	0.669 17.00	0.67 17.00	1.26 32.00	3/8	HC204 -12 HC204 -20mm	LP-204-HA
HCLP205 -13 **HCLP205 -14** **HCLP205 -15** **HCLP205 -16** **HCLP205 -25mm**	13/16 7/8 15/16 1 25mm	1 5/16 33.34	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	1/2 12.7	2 21/32 67.5	1.74 44.30	0.685 17.40	0.69 17.40	1.50 38.10	3/8	HC205 -13 HC205 -14 HC205 -15 HC205 -16 HC205 -25mm	LP-205-HA
HCLP206 -17 **HCLP206 -18** **HCLP206 -19** **HCLP206 -20** **HCLP206 -30mm**	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 9/16 39.69	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	17/32 13.5	3 5/32 80.2	1.90 48.30	0.717 18.20	0.72 18.20	1.75 44.50	1/2	HC206 -17 HC206 -18 HC206 -19 HC206 -20 HC206 -30mm	LP-206-HA
HCLP207 -20 **HCLP207 -21** **HCLP207 -22** **HCLP207 -23** **HCLP207 -35mm**	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 13/16 46.04	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	21/32 16.7	3 5/8 92.1	2.01 51.10	0.740 18.80	0.74 18.80	2.19 55.60	1/2	HC207 -20 HC207 -21 HC207 -22 HC207 -23 HC207 -35mm	LP-207-HA
HCP208 -24 **HCP208 -25** **HCP208 -40mm**	1 1/2 1 9/16 40mm	1 15/16 49.21	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	2.22 56.30	0.843 21.40	0.84 21.40	2.37 60.30	1/2	HC208 -24 HC208 -25 HC208 -40mm	P-208-HA





Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
HCLP209 -26 HCLP209 -27 HCLP209 -28 HCLP209 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 1/16 52.39	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	11/16 17.5	4 3/16 106.4	2.22 56.30	0.843 21.40	0.84 21.40	2.50 63.50	1/2	HC209 -26 HC209 -27 HC209 -28 HC209 -45mm	LP-209-HA
HCLP210 -29 HCLP210 -30 HCLP210 -31 HCLP210 -32 HCLP210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 3/16 55.56	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	11/16 17.5	4 1/2 114.3	2.47 62.70	0.969 24.60	0.97 24.60	2.75 69.90	5/8	HC210 -29 HC210 -30 HC210 -31 HC210 -32 HC210 -50mm	LP-210-HT
HCLP211 -32 HCLP211 -33 HCLP211 -34 HCLP211 -35 HCLP211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	2 7/16 61.91	8 5/8 219.1	6 29/32 175.4	2 5/16 58.9	25/32 19.8	1 1/16 26.9	13/16 20.6	4 29/32 124.6	2.81 71.40	1.090 27.70	1.09 27.70	3.00 76.20	5/8	HC211 -32 HC211 -33 HC211 -34 HC211 -35 HC211 -55mm	LP-211-HT
HCLP212 -36 HCLP212 -37 HCLP212 -38 HCLP212 -39 HCLP212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	2 11/16 68.26	9 1/2 241.3	7 13/32 188.2	2 27/64 61.6	25/32 19.8	1 5/32 29.4	13/16 20.6	5 1/2 139.7	3.06 77.80	1.217 30.90	1.22 30.90	3.31 84.10	5/8	HC212 -36 HC212 -37 HC212 -38 HC212 -39 HC212 -60mm	LP-212-HT

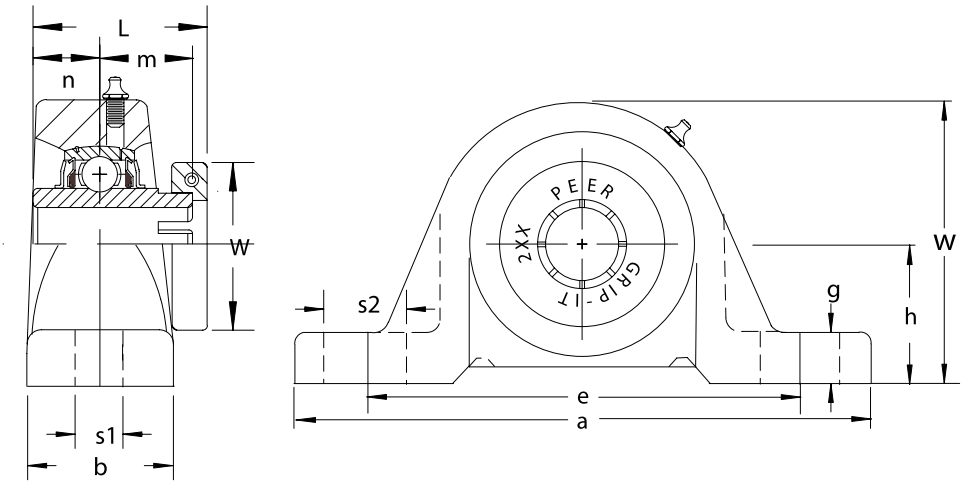
Pillow Blocks – Standard Shaft Height
GRP200 Series GRIP-IT 360 Degree Locking

- Standard duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Black Oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
GRP204 -12 GRP204 -13 GRP204 -20mm	3/4 13/16 20mm	1 5/16 33.340	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	17/32 13.5	2 17/32 64.3	1.37 34.90	0.500 12.70	0.72 18.30	1.76 44.60	3/8	GR204 -12 GR204 -13 GR204 -20mm	P-204-HA
GRP205 -13 GRP205 -14 GRP205 -15 GRP205 -16 GRP205 -25mm	13/16 7/8 15/16 1 25mm	1 7/16 36.510	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	5/8 15.9	2 25/32 70.6	1.51 38.40	0.563 14.30	0.80 20.20	1.94 49.20	3/8	GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	P-205-HA
GRP206 -17 GRP206 -18 GRP206 -19 GRP206 -20 GRP206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.860	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	21/32 16.7	3 9/32 83.3	1.65 41.90	0.626 15.90	0.87 22.20	2.19 55.50	1/2	GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	P-206-HA
GRP207 -20 GRP207 -21 GRP207 -22 GRP207 -23 GRP207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.630	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	23/32 18.3	3 11/16 93.7	1.87 47.50	0.689 17.50	1.00 25.40	2.57 65.40	1/2	GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	P-207-HA
GRP208 -24 GRP208 -25 GRP208 -40mm	1 1/2 1 9/16 40mm	1 15/16 49.210	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	2.11 53.70	0.748 19.00	1.19 30.20	2.69 68.40	1/2	GR208 -24 GR208 -25 GR208 -40mm	P-208-HA
GRP209 -26 GRP209 -27 GRP209 -28 GRP209 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 1/8 53.890	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	3/4 19.1	4 1/4 108.0	2.12 53.90	0.748 19.00	1.19 30.20	2.93 74.50	1/2	GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	P-209-HA
GRP210 -29 GRP210 -30 GRP210 -31 GRP210 -32 GRP210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 1/4 57.150	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	3/4 19.1	4 9/16 115.9	2.27 57.60	0.748 19.00	1.28 32.60	3.39 86.00	5/8	GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	P-210-HT



Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
GRP211 -32 GRP211 -33 GRP211 -34 GRP211 -35 GRP211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	2 1/2 63.500	8 5/8 219.1	6 23/32 170.7	2 5/16 58.9	25/32 19.8	7/8 22.2	7/8 22.2	4 31/32 126.2	2.43 61.70	0.874 22.20	1.31 33.40	3.50 89.00	5/8	GR211 -32 GR211 -33 GR211 -34 GR211 -35 GR211 -55mm	P-211-HT
GRP212 -36 GRP212 -37 GRP212 -38 GRP212 -39 GRP212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	2 3/4 69.850	9 7/16 239.7	7 1/4 184.2	2 27/64 61.6	25/32 19.8	1 25.4	7/8 22.2	5 9/16 141.3	2.85 72.30	1.000 25.40	1.56 39.70	4.06 103.00	5/8	GR212 -36 GR212 -37 GR212 -38 GR212 -39 GR212 -60mm	P-212-HT
GRP213 -40 GRP213 -41 GRP213 -65mm	2 1/2 2 9/16 65mm	3 76.200	10 7/16 265.1	8 203.2	2 53/64 71.9	1 25.4	1 3/16 30.2	1 25.4	6 3/64 153.6	2.85 72.30	1.000 25.40	1.56 39.70	4.11 104.50	3/4	GR213 -40 GR213 -41 GR213 -65mm	P-213-HT
GRP214 -42 GRP214 -43 GRP214 -44 GRP214 -70mm	2 5/8 2 11/16 2 3/4 70mm	3 1/8 79.380	10 15/32 265.9	8 9/32 210.3	2 27/32 72.1	1 25.4	1 3/16 30.2	1 7/64 28.2	6 9/32 159.5	3.22 81.80	1.189 30.20	1.75 44.40	4.39 111.50	3/4	GR214 -42 GR214 -43 GR214 -44 GR214 -70mm	P-214-HT
GRP215 -45 GRP215 -46 GRP215 -47 GRP215 -48 GRP215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	3 1/4 82.550	10 13/16 274.6	8 17/32 216.7	2 7/8 73.0	1 25.4	1 3/16 30.2	1 25.4	6 5/8 168.3	3.36 85.30	1.311 33.30	1.75 44.50	4.65 118.00	3/4	GR215 -45 GR215 -46 GR215 -47 GR215 -48 GR215 -75mm	P-215-HT
GRP216-50 GRP216-80mm	3 1/8 80mm	3 1/2 88.900	11 1/2 292.1	9 1/8 231.8	3 1/16 77.8	1 25.4	1 3/8 34.9	1 11/32 34.1	6 15/16 176.2	3.55 90.10	1.311 33.30	1.94 49.30	4.87 123.70	3/4	GR216 -50 GR216 -80mm	P-216-HT

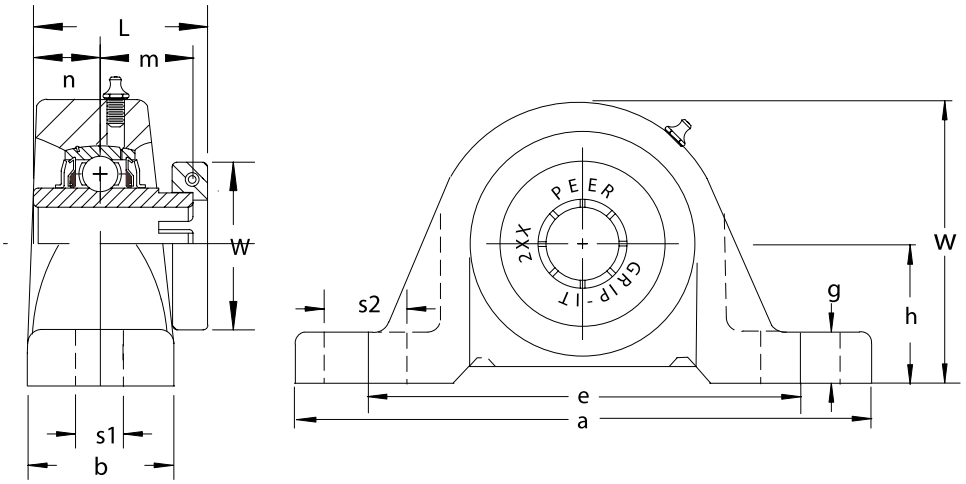
Pillow Blocks – Low Shaft Height
GRLP200 Series GRIP-IT 360 Degree Locking

- Standard duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Black Oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

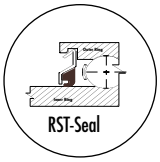
Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
GRLP204 -12 GRLP204 -13 GRLP204 -20mm	3/4 13/16 20mm	1 1/4 31.75	5 127.00	3 3/4 95.25	1 11/32 34.00	1/2 12.70	3/4 19.05	15/32 11.91	2 15/32 62.71	1.37 34.90	0.500 12.70	0.72 18.30	1.76 44.60	3/8	GR204 -12 GR204 -13 GR204 -20mm	LP-204-HA
GRLP205 -13 GRLP205 -14 GRLP205 -15 GRLP205 -16 GRLP205 -25mm	13/16 7/8 15/16 1 25mm	1 5/16 33.34	5 1/2 139.70	4 1/8 104.78	1 1/2 38.10	1/2 12.70	3/4 19.05	1/2 12.70	2 21/32 67.47	1.51 38.40	0.563 14.30	0.80 20.20	1.94 49.20	3/8	GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	LP-205-HA
GRLP206 -17 GRLP206 -18 GRLP206 -19 GRLP206 -20 GRLP206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 9/16 39.69	6 1/2 165.10	4 3/4 120.65	1 3/4 44.60	21/32 16.67	13/16 20.64	17/32 13.49	3 5/32 80.17	1.65 41.90	0.626 15.90	0.87 22.20	2.19 55.50	1/2	GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	LP-206-HA
GRLP207 -20 GRLP207 -21 GRLP207 -22 GRLP207 -23 GRLP207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 13/16 46.04	6 9/16 166.69	5 127.00	1 13/16 45.80	21/32 16.67	13/16 20.64	21/32 16.67	3 5/8 92.08	1.87 47.50	0.689 17.50	1.00 25.40	2.57 65.40	1/2	GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	LP-207-HA
GRP208 -24 GRP208 -25 GRP208 -40mm	1 1/2 1 9/16 40mm	1 15/16 49.210	7 1/4 184.150	5 13/32 137.320	1 59/64 48.80	21/32 16.670	13/16 20.640	13/16 20.640	4 101.60	2.11 53.70	0.748 19.00	1.19 30.20	2.69 68.40	1/2	GR208 -24 GR208 -25 GR208 -40mm	P-208-HA

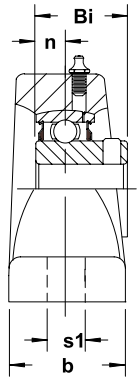


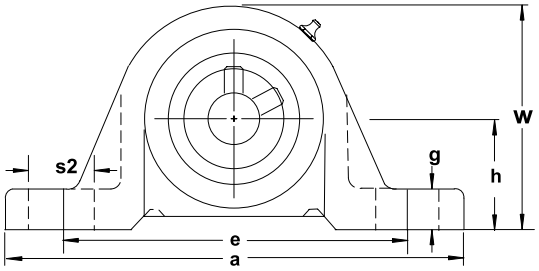
Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
GRLP209 -26 GRLP209 -27 GRLP209 -28 GRLP209 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 1/16 52.39	7 15/32 189.71	5 3/4 146.05	2 1/64 51.20	21/32 16.67	13/16 20.64	11/16 17.46	4 3/16 106.36	2.12 53.90	0.748 19.00	1.19 30.20	2.93 74.50	1/2	GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	LP-209-HA
GRLP210 -29 GRLP210 -30 GRLP210 -31 GRLP210 -32 GRLP210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 3/16 55.56	8 1/8 206.38	6 1/4 158.75	2 3/16 55.60	25/32 19.84	7/8 22.23	11/16 17.46	4 1/2 114.30	2.27 57.60	0.748 19.00	1.28 32.60	3.39 86.00	5/8	GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	LP-210-HT
GRLP211 -32 GRLP211 -33 GRLP211 -34 GRLP211 -35 GRLP211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	2 7/16 61.91	8 5/8 219.08	6 29/32 175.35	2 5/16 58.90	25/32 19.84	1 1/16 26.88	13/16 20.64	4 29/32 124.62	2.43 61.70	0.874 22.20	1.31 33.40	3.50 89.00	5/8	GR211 -32 GR211 -33 GR211 -34 GR211 -35 GR211 -55mm	LP-211-HT
GRLP212 -36 GRLP212 -37 GRLP212 -38 GRLP212 -39 GRLP212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	2 11/16 68.26	9 1/2 241.30	7 13/32 188.15	2 27/64 61.60	25/32 19.84	1 5/32 29.38	13/16 20.64	5 1/2 139.70	2.85 72.30	1.000 25.40	1.56 39.70	4.06 103.00	5/8	GR212 -36 GR212 -37 GR212 -38 GR212 -39 GR212 -60mm	LP-212-HT

Pillow Blocks – Standard Shaft Height
FHSP200-G Series Set Screw Locking







- Standard duty, high-grade cast iron
- Solid foot housing design
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

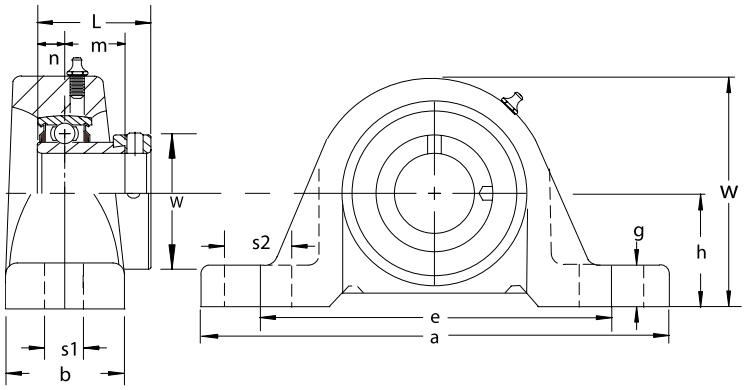
Dimensions in / mm

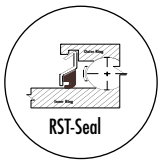
Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
FHSP201 -8G FHSP201 -12mmG FHSP202 -9G FHSP202 -10G FHSP202 -15mmG FHSP203 -11G FHSP203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	5 15/32 138.8	3 5/8 92.1	1 17/64 32.2	7/16 11.1	7/8 22.2	15/32 11.9	2 7/32 56.4	0.89 22.50	0.256 6.50	3/8	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	P-203S-HA
FHSP204 -12G FHSP204 -13G FHSP204 -20mmG	3/4 13/16 20mm	1 5/16 33.34	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	17/32 13.5	2 17/32 64.3	0.98 25.00	0.295 7.50	3/8	FHS204 -12G FHS204 -13G FHS204 -20mmG	P-204-HA
FHSP205 -12G FHSP205 -13G FHSP205 -14G FHSP205 -15G FHSP205 -16G FHSP205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	5/8 15.9	2 25/32 70.6	1.06 27.00	0.295 7.50	3/8	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	P-205-HA
FHSP206 -17G FHSP206 -18G FHSP206 -19G FHSP206 -20G FHSP206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	21/32 16.7	3 9/32 83.3	1.18 30.00	0.354 9.00	1/2	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	P-206-HA
FHSP207 -20G FHSP207 -21G FHSP207 -22G FHSP207 -23G FHSP207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	23/32 18.3	3 11/16 93.7	1.26 32.00	0.374 9.50	1/2	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	P-207-HA
FHSP208 -24G FHSP208 -25G FHSP208 -40mmG	1 1/2 1 9/16 40mm	1 15/16 49.21	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	1.50 38.00	0.433 11.00	1/2	FHS208 -24G FHS208 -25G FHS208 -40mmG	P-208-HA
FHSP209 -27G FHSP209 -28G FHSP209 -45mmG	1 11/16 1 3/4 45mm	2 1/8 53.89	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	3/4 19.1	4 1/4 108.0	1.56 39.50	0.433 11.00	1/2	FHS209 -27G FHS209 -28G FHS209 -45mmG	P-209-HA
FHSP210 -29G FSHP210 -30G FHSP210 -31G FHSP210 -32G FHSP210 -50mmG	1 13/16 1 7/8 1 15/16 2 50mm	2 1/4 57.15	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	3/4 19.1	4 9/16 115.9	1.72 43.60	0.433 11.00	5/8	FSH210 -29G FSH210 -30G FHS210 -31G FHS210 -32G FHS210 -50mmG	P-210-HT
FHSP211 -32G FSHP211 -33G FSHP211 -34G FHSP211 -35G FHSP211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	2 1/2 63.50	8 5/8 219.1	6 23/32 170.7	2 5/16 58.9	25/32 19.8	7/8 22.2	7/8 22.2	4 31/32 126.2	2.76 70.00	0.492 12.50	5/8	FHS211 -32G FSH211 -33G FSH211 -34G FHS211 -35G FHS211 -55mmG	P-211-HT

Pillow Blocks – Standard Shaft Height
FHP200-G Series Eccentric Locking Collar

- Standard duty, high-grade cast iron
- Solid foot housing design
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seal

Optional seals: See page 83

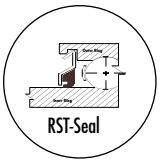


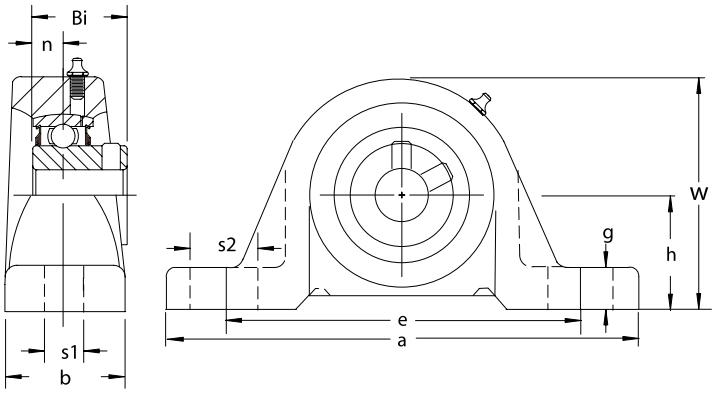


Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
FHP201 -8G FHP201 -12mmG FHP202 -9G FHP202 -10G FHP202 -15mmG FHP203 -11G FHP203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	5 15/32 138.8	3 5/8 92.1	1 17/64 32.2	7/16 11.1	7/8 22.2	15/32 11.9	2 7/32 56.4	1.13 28.60	0.256 6.50	0.49 12.55	1.13 28.60	3/8	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	P-203S-HA
FHP204 -12G FHP204 -20mmG	3/4 20mm	1 5/16 33.34	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	17/32 13.5	2 17/32 64.3	1.22 31.00	0.295 7.50	0.55 13.91	1.26 32.00	3/8	FH204 -12G FH204 -20mmG	P-204-HA
FHP205 -13G FHP205 -14G FHP205 -15G FHP205 -16G FHP205 -25mmG	13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	5/8 15.9	2 25/32 70.6	1.22 31.00	0.295 7.50	0.55 14.00	1.50 38.10	3/8	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	P-205-HA
FHP206 -17G FHP206 -18G FHP206 -19G FHP206 -20G FHP206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	21/32 16.7	3 9/32 83.3	1.41 35.70	0.354 9.00	0.58 14.82	1.75 44.50	1/2	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	P-206-HA
FHP207 -20G FHP207 -21G FHP207 -22G FHP207 -23G FHP207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	23/32 18.3	3 11/16 93.7	1.53 38.90	0.374 9.50	0.63 15.90	2.19 55.60	1/2	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	P-207-HA
FHP208 -24G FHP208 -25G FHP208 -40mmG	1 1/2 1 9/16 40mm	1 15/16 49.21	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	1.72 43.70	0.433 11.00	0.76 19.18	2.38 60.40	1/2	FH208 -24G FH208 -25G FH208 -40mmG	P-208-HA
FHP209 -26G FHP209 -27G FHP209 -28G FHP209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	2 1/8 53.89	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	3/4 19.1	4 1/4 108.0	1.72 43.70	0.433 11.00	0.76 19.18	2.50 63.50	1/2	FH209 -26G FH209 -27G FH209 -28G FH209 -45mmG	P-209-HA
FHP210 -29G FHP210 -30G FHP210 -31G FHP210 -32G FHP210 -50mmG	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 1/4 57.15	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	3/4 19.1	4 9/16 115.9	1.72 43.70	0.433 11.00	0.76 19.18	2.75 69.90	5/8	FH210 -29G FH210 -30G FH210 -31G FH210 -32G FH210 -50mmG	P-210-HT
FHP211 -32G FHP211 -33G FHP211 -34G FHP211 -35G FHP211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	2 1/2 63.50	8 5/8 219.1	6 23/32 170.7	2 5/16 58.9	25/32 19.8	7/8 22.2	7/8 22.2	4 31/32 126.2	1.91 48.40	0.492 12.50	0.79 20.00	3.00 76.20	5/8	FH211 -32G FH211 -33G FH211 -34G FH211 -35G FH211 -55mmG	P-211-HT
FHP212 -36G FHP212 -37G FHP212 -38G FHP212 -39G FHP212 -60mmG	2 1/4 2 5/16 2 3/8 2 7/16 60mm	2 3/4 69.85	9 7/16 239.7	7 1/4 184.2	2 27/64 61.6	25/32 19.8	1 25.4	7/8 22.2	5 9/16 141.3	1.94 49.30	0.531 13.50	0.79 20.00	3.31 84.20	5/8	FH212 -36G FH212 -37G FH212 -38G FH212 -39G FH212-60mmG	P-212-HT

Pillow Blocks – Low Shaft Height
FHSLP200-G Series Set Screw Locking





- Standard duty, high-grade cast iron
- Solid foot housing design
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

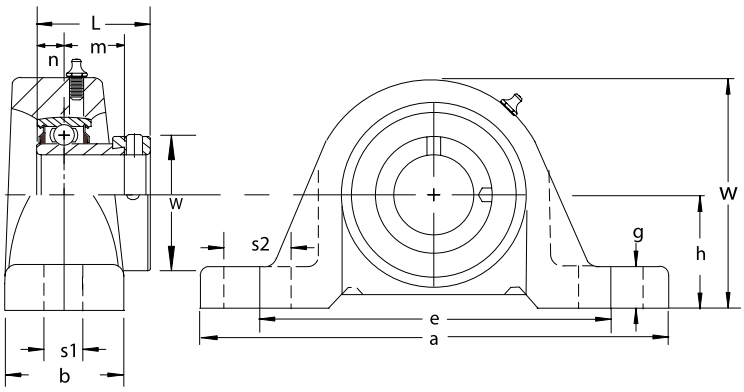
Dimensions in / mm

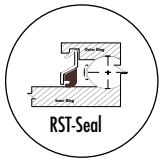
Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
FHSLP201 -8G FHSLP201 -12mmG FHSLP202 -9G FHSLP202 -10G FHSLP202 -15mmG FHSLP203 -11G FHSLP203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 1/16 26.99	5 15/32 138.8	3 5/8 92.1	1 17/64 32.2	7/16 11.1	7/8 22.2	11/32 8.7	2 3/32 53.2	0.89 22.50	0.256 6.50	3/8	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	LP-203S-HA
FHSLP204 -12G FHSLP204 -13G FHSLP204 -20mmG	3/4 13/16 20mm	1 1/4 31.75	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	15/32 11.9	2 15/32 62.7	0.98 25.00	0.295 7.50	3/8	FHS204 -12G FHS204 -13G FHS204 -20mmG	LP-204-HA
FHSLP205 -12G FHSLP205 -13G FHSLP205 -14G FHSLP205 -15G FHSLP205 -16G FHSLP205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	1 5/16 33.34	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	1/2 12.7	2 21/32 67.5	1.06 27.00	0.30295 7.50	3/8	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	LP-205-HA
FHSLP206 -17G FHSLP206 -18G FHSLP206 -19G FHSLP206 -20G FHSLP206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 9/16 39.69	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	17/32 13.5	3 5/32 80.2	1.18 30.00	0.354 9.00	1/2	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	LP-206-HA
FHSLP207 -20G FHSLP207 -21G FHSLP207 -22G FHSLP207 -23G FHSLP207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 13/16 46.04	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	21/32 16.7	3 5/8 92.1	1.26 32.00	0.374 9.50	1/2	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	LP-207-HA
FHSP208 -24G FHSP208 -25G FHSP208 -40mmG	1 1/2 1 9/16 40mm	1 15/16 49.21	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	1.50 38.00	0.433 11.00	1/2	FHS208 -24G FHS208 -25G FHS208 -40mmG	P-208-HA
FHSLP209 -26G FHSLP209 -27G FHSLP209 -28G FHSLP209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	2 1/16 52.39	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	11/16 17.5	4 3/16 106.4	1.56 39.50	0.433 11.00	1/2	FHS209 -26G FHS209 -27G FHS209 -28G FHS209 -45mmG	LP-209-HA
FHSLP210 -29G FHSLP210 -30G FHSLP210 -31G FHSLP210 -32G FHSLP210 -50mmG	1 13/16 1 7/8 1 15/16 2 50mm	2 3/16 55.56	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	11/16 17.5	4 1/2 114.3	1.72 43.60	0.433 11.00	5/8	FHS210 -29G FHS210 -30G FHS210 -31G FHS210 -32G FHS210 -50mmG	LP-210-HT
FHSLP211 -32G FHSLP211 -33G FHSLP211 -34G FHSLP211 -35G FHSLP211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	2 7/16 61.91	8 5/8 219.1	6 29/32 175.4	2 5/16 58.9	25/32 19.8	1 1/16 26.9	13/16 20.6	4 29/32 124.6	2.76 70.00	0.492 12.50	5/8	FHS211 -32G FHS211 -33G FHS211 -34G FHS211 -35G FHS211 -55mmG	LP-211-HT

Pillow Blocks – Low Shaft Height
FHLP200-G Series Eccentric Locking Collar

- Standard duty, high-grade cast iron
- Solid foot housing design
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

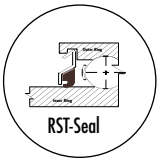


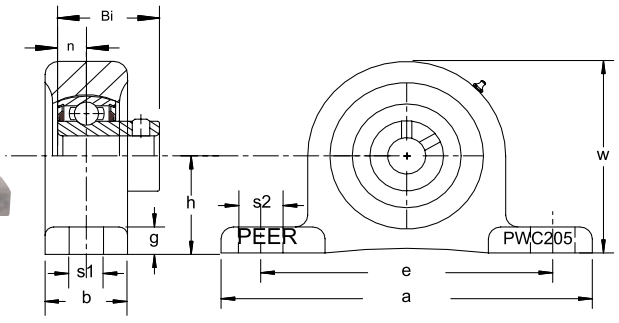


Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	W	Bolt Size In.	Bearing No.	Housing No.
FHLP201 -8G FHLP201 -12mmG FHLP202 -9G FHLP202 -10G FHLP202 -15mmG FHLP203 -11G FHLP203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 1/16 26.99	5 15/32 138.8	3 5/8 92.1	1 17/64 32.2	7/16 11.1	7/8 22.2	11/32 8.7	2 3/32 53.2	1.13 28.60	0.256 6.50	0.49 12.55	1.13 28.60	3/8	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	LP-203S-HA
FHLP204 -12G FHLP204 -20mmG	3/4 20mm	1 1/4 31.75	5 127.0	3 3/4 95.3	1 11/32 34.0	1/2 12.7	3/4 19.1	15/32 11.9	2 15/32 62.7	1.22 31.00	0.295 7.50	0.55 13.91	1.26 32.00	3/8	FH204 -12G FH204 -20mmG	LP-204-HA
FHLP205 -13G FHLP205 -14G FHLP205 -15G FHLP205 -16G FHLP205 -25mmG	13/16 7/8 15/16 1 25mm	1 5/16 33.34	5 1/2 139.7	4 1/8 104.8	1 1/2 38.1	1/2 12.7	3/4 19.1	1/2 12.7	2 21/32 67.5	1.22 31.00	0.295 7.50	0.55 14.00	1.50 38.10	3/8	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	LP-205-HA
FHLP206 -17G FHLP206 -18G FHLP206 -19G FHLP206 -20G FHLP206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 9/16 39.69	6 1/2 165.1	4 3/4 120.7	1 3/4 44.6	21/32 16.7	13/16 20.6	17/32 13.5	3 5/32 80.2	1.41 35.70	0.354 9.00	0.58 14.82	1.75 44.50	1/2	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	LP-206-HA
FHLP207 -20G FHLP207 -21G FHLP207 -22G FHLP207 -23G FHLP207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 13/16 46.04	6 9/16 166.7	5 127.0	1 13/16 45.8	21/32 16.7	13/16 20.6	21/32 16.7	3 5/8 92.1	1.53 38.90	0.374 9.50	0.63 15.90	2.19 55.60	1/2	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	LP-207-HA
FHP208 -24G FHP208 -25G FHP208 -40mmG	1 1/2 1 9/16 40mm	1 15/16 49.21	7 1/4 184.2	5 13/32 137.3	1 59/64 48.8	21/32 16.7	13/16 20.6	13/16 20.6	4 101.6	1.72 43.70	0.433 11.00	0.76 19.18	2.38 60.40	1/2	FH208 -24G FH208 -25G FH208 -40mmG	P-208-HA
FHLP209 -26G FHLP209 -27G FHLP209 -28G FHLP209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	2 1/16 52.39	7 15/32 189.7	5 3/4 146.1	2 1/64 51.2	21/32 16.7	13/16 20.6	11/16 17.5	4 3/16 106.4	1.72 43.70	0.433 11.00	0.76 19.18	2.50 63.50	1/2	FH209 -26G FH209 -27G FH209 -28G FH209 -45mmG	LP-209-HA
FHLP210 -29G FHLP210 -30G FHLP210 -31G FHLP210 -32G FHLP210 -50mmG	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 3/16 55.56	8 1/8 206.4	6 1/4 158.8	2 3/16 55.6	25/32 19.8	7/8 22.2	11/16 17.5	4 1/2 114.3	1.72 43.70	0.433 11.00	0.76 19.18	2.75 69.90	5/8	FH210 -29G FH210 -30G FH210 -31G FH210 -32G FH210 -50mmG	LP-210-HT
FHLP211 -32G FHLP211 -33G FHLP211 -34G FHLP211 -35G FHLP211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	2 7/16 61.91	8 5/8 219.1	6 29/32 175.4	2 5/16 58.9	25/32 19.8	1 1/16 26.9	13/16 20.6	4 29/32 124.6	1.91 48.40	0.492 12.50	0.79 20.00	3.00 76.20	5/8	FH211 -32G FH211 -33G FH211 -34G FH211 -35G FH211 -55mmG	LP-211-HT
FHLP212 -36G FHLP212 -37G FHLP212 -38G FHLP212 -39G FHLP212-60mmG	2 1/4 2 5/16 2 3/8 2 7/16 60mm	2 11/16 68.26	9 1/2 241.3	7 13/32 188.2	2 27/64 61.6	25/32 19.8	1 5/32 29.4	13/16 20.6	5 1/2 139.7	1.94 49.30	0.532 13.50	0.79 20.00	3.31 84.20	5/8	FH212 -36G FH212 -37G FH212 -38G FH212 -39G FH212-60mmG	LP-212-HT

Pillow Blocks – Cast Iron, Light Duty
FHSPWC200-G / FHPWC200-G Series





FHSPWC200-G

FHPWC200-G

- Light duty, high-grade cast iron
- Solid foot housing design
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

FHSPWC200-G Set Screw Locking

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm												
FHSPWC204 -12G FHSPWC204 -13G FHSPWC204 -20mmG	3/4 13/16 20mm	1 15/16 33.34	4 29/32 124.6	3 13/16 96.8	1 1/16 26.9	7/16 11.1	5/8 15.9	1/2 12.7	2 9/16 65.1	0.98 25.00	0.295 7.50	3/8	FHS204 -12G FHS204 -13G FHS204 -20mmG	PWC-204-HA
FHSPWC205 -12G FHSPWC205 -13G FHSPWC205 -14G FHSPWC205 -15G FHSPWC205 -16G FHSPWC205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 1/8 130.2	3 15/16 100.0	1 5/32 29.4	7/16 11.1	5/8 15.9	1/2 12.7	2 25/32 70.6	1.06 27.00	0.295 7.50	3/8	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	PWC-205-HA
FHSPWC206 -17G FHSPWC206 -18G FHSPWC206 -19G FHSPWC206 -20G FHSPWC206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	6 1/8 155.6	4 23/32 119.9	1 3/16 30.2	9/16 14.3	13/16 20.6	19/32 15.1	3 1/4 82.6	1.18 30.00	0.354 9.00	1/2	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	PWC-206-HA
FHSPWC207 -20G FHSPWC207 -21G FHSPWC207 -22G FHSPWC207 -23G FHSPWC207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 1/2 165.1	5 127.0	1 3/8 34.9	9/16 14.3	13/16 20.6	5/8 15.9	3 21/32 92.9	1.26 32.00	0.374 9.50	1/2	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	PWC-207-HA

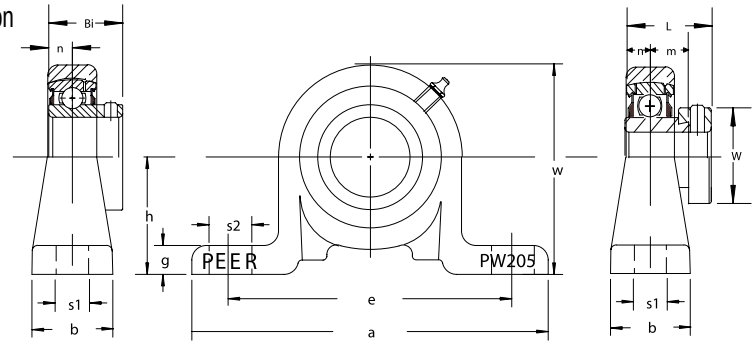
FHPWC200-G Eccentric Locking Collar

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	i	W	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm															
FHPWC204 -12G FHPWC204 -20mmG	3/4 20mm	1 15/16 33.34	4 29/32 124.6	3 13/16 96.8	1 1/16 26.9	7/16 11.1	5/8 15.9	1/2 12.7	2 9/16 65.1	1.22 31.00	0.295 7.50	0.55 13.91	0.3776 9.59	1.26 32.00	3/8	FH204 -12G FH204 -20mmG	PWC-204-HA
FHPWC205 -13G FHPWC205 -14G FHPWC205 -15G FHPWC205 -16G FHPWC205 -25mmG	13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 1/8 130.2	3 15/16 100.0	1 5/32 29.4	7/16 11.1	5/8 15.9	1/2 12.7	2 25/32 70.6	1.22 31.00	0.295 7.50	0.55 14.00	0.3740 9.50	1.50 38.10	3/8	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	PWC-205-HA
FHPWC206 -17G FHPWC206 -18G FHPWC206 -19G FHPWC206 -20G FHPWC206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	6 1/18 155.6	4 23/32 119.9	1 3/16 30.2	9/16 14.3	13/16 20.6	19/32 15.1	3 1/4 82.6	1.41 35.70	0.354 9.00	0.58 14.82	0.4677 11.88	1.75 44.50	1/2	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	PWC-206-HA
FHPWC207 -20G FHPWC207 -21G FHPWC207 -22G FHPWC207 -23G FHPWC207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 1/2 165.1	5 127.0	1 3/8 34.9	9/16 14.3	13/16 20.6	5/8 15.9	3 21/32 92.9	1.53 38.90	0.374 9.50	0.63 15.90	0.5315 13.50	2.19 55.60	1/2	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	PWC-207-HA

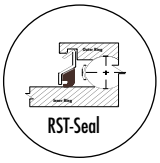
Pillow Blocks – Ductile, Light Duty
FHSPW200-G / FHPW200-G Series

- Light duty, high strength ductile iron
- Solid foot housing design
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83



FHSPW200-G FHPW200G



FHSPW200-G Set Screw Locking

Dimensions in / mm

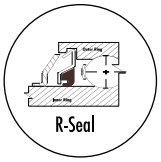
Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
FHSPW201 -8G FHSPW201 -12mmG FHSPW202 -9G FHSPW202 -10G FHSPW202 -15mmG FHSPW203 -11G FHSPW203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	4 7/16 112.7	3 7/16 87.3	1 25.4	7/16 11.1	5/8 15.9	11/32 8.7	2 5/32 54.8	0.89 22.50	0.256 6.50	3/8	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	PW-203-HA
FHSPW204 -12G FHSPW204 -13G FHSPW204 -20mmG	3/4 13/16 20mm	1 5/16 33.34	4 3/4 120.7	3 13/16 96.8	1 1/16 26.9	7/16 11.1	5/8 15.9	3/8 9.5	2 7/16 61.9	0.98 25.00	0.295 7.50	3/8	FHS204 -12G FHS204 -13G FHS204 -20mmG	PW-204-HA
FHSPW205 -12G FHSPW205 -13G FHSPW205 -14G FHSPW205 -15G FHSPW205 -16G FHSPW205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 127.0	3 15/16 100.0	1 1/8 28.6	7/16 11.1	5/8 15.9	13/32 10.3	2 11/16 68.3	1.06 27.00	0.295 7.50	3/8	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	PW-205-HA
FHSPW206 -17G FHSPW206 -18G FHSPW206 -19G FHSPW206 -20G FHSPW206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	5 15/16 150.8	4 23/32 119.8	1 5/16 33.3	9/16 14.3	13/16 20.6	7/16 11.1	3 5/32 80.2	1.18 30.00	0.354 9.00	1/2	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	PW-206-HA
FHSPW207 -20G FHSPW207 -21G FHSPW207 -22G FHSPW207 -23G FHSPW207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 1/4 158.8	5 127.0	1 3/8 34.9	9/16 14.3	13/16 20.6	7/16 11.1	3 9/16 90.5	1.26 32.00	0.374 9.50	1/2	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	PW-207-HA

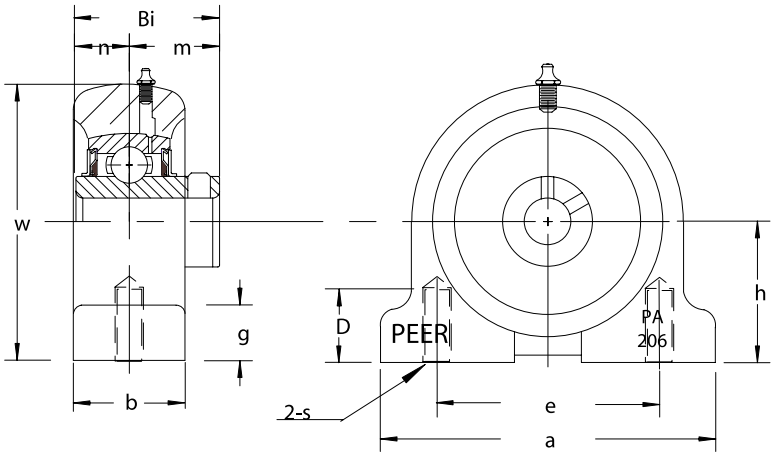
FHPW200-G Eccentric Locking Collar

Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	i	W	Bolt Size In.	Bearing No.	Housing No.
FHPW201 -8G FHPW201 -12mmG FHPW202 -9G FHPW202 -10G FHPW202 -15mmG FHPW203 -11G FHPW203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	4 7/16 112.7	3 7/16 87.3	1 25.4	7/16 11.1	5/8 15.9	11/32 8.7	2 5/32 54.8	1.13 28.60	0.256 6.50	0.49 12.55	0.3760 9.55	1.13 28.60	3/8	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	PW-203-HA
FHPW204 -12G FHPW204 -20mmG	3/4 20mm	1 5/16 33.34	4 3/4 120.7	3 13/16 96.8	1 1/16 26.9	7/16 11.1	5/8 15.9	3/8 9.5	2 7/16 61.9	1.22 31.00	0.295 7.50	0.55 13.91	0.3776 9.59	1.26 32.00	3/8	FH204 -12G FH204 -20mmG	PW-204-HA
FHPW205 -13G FHPW205 -14G FHPW205 -15G FHPW205 -16G FHPW205 -25mmG	13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 127.0	3 15/16 100.0	1 1/8 28.6	7/16 11.1	5/8 15.9	13/32 10.3	2 11/16 68.3	1.22 31.00	0.295 7.50	0.55 14.00	0.3740 9.50	1.50 38.10	3/8	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	PW-205-HA
FHPW206 -17G FHPW206 -18G FHPW206 -19G FHPW206 -20G FHPW206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	5 15/16 150.8	4 23/32 119.8	1 5/16 33.3	9/16 14.3	13/16 20.6	7/16 11.1	3 5/32 80.2	1.41 35.70	0.354 9.00	0.58 14.82	0.4677 11.88	1.75 44.50	1/2	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	PW-206-HA
FHPW207 -20G FHPW207 -21G FHPW207 -22G FHPW207 -23G FHPW207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 1/4 158.8	5 127.0	1 3/8 34.9	9/16 14.3	13/16 20.6	7/16 11.1	3 9/16 90.5	1.53 38.90	0.374 9.50	0.63 15.90	0.5315 13.50	2.19 55.60	1/2	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	PW-207-HA

Pillow Blocks – Tapped Base
UCPA200 Series Set Screw Locking





- Standard duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

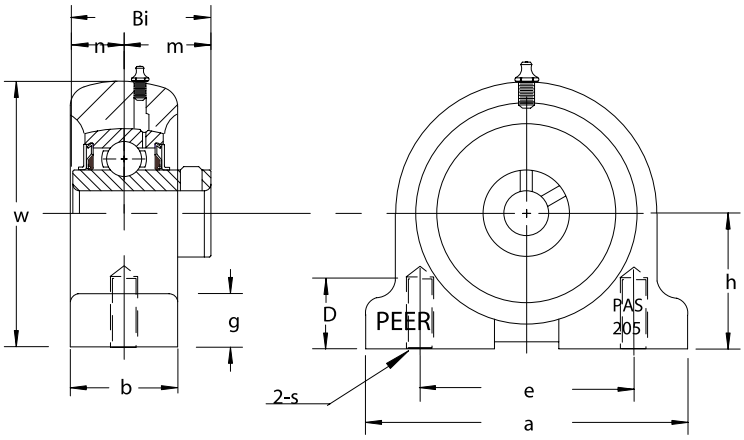
Unit No.	Shaft Diam.	h	a	e	b	S UNC	w	g	D	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
UCPA201 -8 UCPA201 -12mm UCPA202 -9 UCPA202 -10 UCPA202 -15mm UCPA203 -11 UCPA203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.2	3 76.2	2 3/64 51.9	1 9/16 39.7	3/8-16	2 7/16 61.9	7/16 11.1	1/2 12.7	1.22 31.00	0.500 12.70	0.720 18.30	3/8	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	PA-204-HT
UCPA204 -12 UCPA204 -13 UCPA204 -20mm	3/4 13/16 20mm	1 3/16 30.2	3 76.2	2 3/64 51.9	1 9/16 39.7	3/8-16	2 7/16 61.9	7/16 11.1	1/2 12.7	1.22 31.00	0.500 12.70	0.720 18.30	3/8	UC204 -12 UC204 -13 UC204 -20mm	PA-204-HT
UCPA205 -13 UCPA205 -14 UCPA205 -15 UCPA205 -16 UCPA205 -25mm	13/16 7/8 15/16 1 25mm	1 7/16 36.5	3 5/16 84.1	2 13/64 55.9	1 25/32 45.2	3/8-16	2 27/32 72.2	15/32 11.9	1/2 12.7	1.34 34.00	0.563 14.30	0.776 19.70	3/8	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	PA-205-HT
UCPA206 -17 UCPA206 -18 UCPA206 -19 UCPA206 -20 UCPA206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.8	3 11/16 93.7	2 19/32 65.9	1 31/32 50.0	7/16-14	3 5/16 84.1	15/32 11.9	5/8 15.9	1.50 38.10	0.626 15.90	0.874 22.20	7/16	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	PA-206-HT
UCPA207 -20 UCPA207 -21 UCPA207 -22 UCPA207 -23 UCPA207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.6	4 11/32 110.3	3 5/32 80.2	2 5/32 54.8	1/2-13	3 3/4 95.3	1/2 12.7	3/4 19.1	1.69 42.90	0.689 17.50	1.000 25.40	1/2	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	PA-207-HT
UCPA208 -24 UCPA208 -25 UCPA208 -40mm	1 1/2 1 9/16 40mm	1 15/16 49.2	4 9/16 115.9	3 5/16 84.1	2 9/32 57.9	1/2-13	3 15/16 100.0	1/2 12.7	3/4 19.1	1.94 49.20	0.748 19.00	1.189 30.20	1/2	UC208 -24 UC208 -25 UC208 -40mm	PA-208-HT
UCPA209 -26 UCPA209 -27 UCPA209 -28 UCPA209 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 9/64 54.4	4 23/32 119.8	3 35/64 90.1	2 3/8 60.3	1/2-13	4 1/4 107.9	1/2 12.7	3/4 19.1	1.94 49.20	0.748 19.00	1.189 30.20	1/2	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	PA-209-HT
UCPA210 -29 UCPA210 -30 UCPA210 -31 UCPA210 -32 UCPA210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 1/4 57.2	5 1/8 130.2	3 45/64 94.1	2 17/32 64.3	5/8-11	4 9/16 115.9	9/16 14.3	7/8 22.2	2.03 51.60	0.748 19.00	1.283 32.60	5/8	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	PA-210-HT

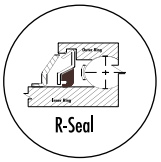
1. Coarse threads are standard. Special threading is available upon request.
2. PA series can also be combined with the following inserts: HC, FH, FHS and GR series bearings

Pillow Blocks – Tapped Base
UCPAS200 Series Set Screw Locking

- Similar to our PA series, but follows USA/Domestic dimensions
- Standard duty, high-grade cast iron
- Solid foot housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

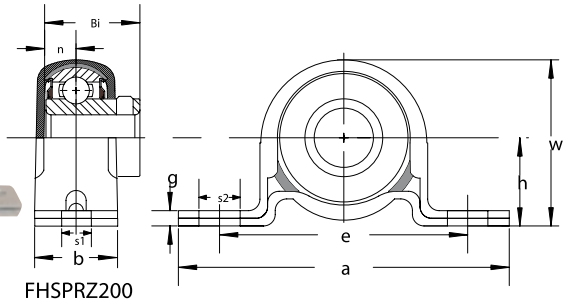




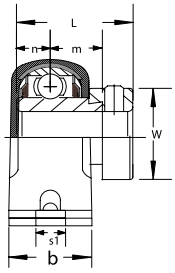
Unit No.	Shaft Diam.	h	a	e	b	S UNC	g	w	D	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
						Dimensions in / mm									
UCPAS201 -8 UCPAS201 -12mm UCPAS202 -9 UCPAS202 -10 UCPAS202 -15mm UCPAS203 -11 UCPAS203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 5/16 33.3	3 1/8 79.4	2 50.8	1 1/2 38.1	3/8-16	7/16 11.1	2 9/16 65.1	1/2 12.7	1.22 31.00	0.500 12.70	0.720 18.30	3/8	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	PAS-204-HT
UCPAS204 -12 UCPAS204 -13 UCPAS204 -20mm	3/4 13/16 20mm	1 5/16 33.3	3 1/8 79.4	2 50.8	1 1/2 38.1	3/8-16	7/16 11.1	2 9/16 65.1	1/2 12.7	1.22 31.00	0.500 12.70	0.720 18.30	3/8	UC204 -12 UC204 -13 UC204 -20mm	PAS-204-HT
UCPAS205 -13 UCPAS205 -14 UCPAS205 -15 UCPAS205 -16 UCPAS205 -25mm	13/16 7/8 15/16 1 25mm	1 7/16 36.5	3 76.2	2 50.8	1 1/2 38.1	3/8-16	15/32 11.9	2 13/16 71.4	1/2 12.7	1.34 34.00	0.563 14.30	0.776 19.70	3/8	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	PAS-205-HT
UCPAS206 -17 UCPAS206 -18 UCPAS206 -19 UCPAS206 -20 UCPAS206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.9	4 101.6	3 76.2	1 1/2 38.1	7/16-14	15/32 11.9	3 3/8 85.7	5/8 15.9	1.50 38.10	0.626 15.90	0.874 22.20	7/16	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	PAS-206-HT
UCPAS207 -20 UCPAS207 -21 UCPAS207 -22 UCPAS207 -23 UCPAS207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.6	4 1/4 107.9	3 1/4 82.5	1 7/8 47.6	1/2-13	1/2 12.7	3 3/4 95.3	3/4 19.1	1.69 42.90	0.689 17.50	1.000 25.40	1/2	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	PAS-207-HT
UCPAS208 -24 UCPAS208 -25 UCPAS208 -40mm	1 1/2 1 9/16 40mm	1 15/16 49.2	4 5/8 117.5	3 1/2 88.9	1 7/8 47.6	1/2-13	1/2 12.7	3 15/16 100.0	3/4 19.1	1.94 49.20	0.748 19.00	1.189 30.20	1/2	UC208 -24 UC208 -25 UC208 -40mm	PAS-208-HT
UCPAS209 -26 UCPAS209 -27 UCPAS209 -28 UCPAS209 -45mm	1 5/8 1 11/16 1 3/4 45mm	2 1/8 54.0	5 127.0	3 3/4 95.3	2 50.8	1/2-13	1/2 12.7	4 1/4 107.9	3/4 19.1	1.94 49.20	0.748 19.00	1.189 30.20	1/2	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	PAS-209-HT
UCPAS210 -29 UCPAS210 -30 UCPAS210 -31 UCPAS210 -32 UCPAS210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	2 1/4 57.1	5 1/2 139.7	4 101.6	2 50.8	5/8-11	9/16 14.3	4 5/8 117.5	7/8 22.2	2.03 51.60	0.748 19.00	1.283 32.60	5/8	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	PAS-210-HT

1. Coarse threads are standard. Special threading is available upon request.
2. PAS series can also be combined with the following inserts: HC, FH, FHS and GR series bearings

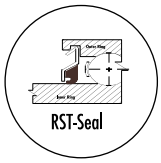
Pillow Bocks – Rubber Cushioned Pressed Steel
FHSPRZ200 / FHPRZ200 Series



FHSPRZ200



FHPRZ200



- Light duty, self-aligning pressed steel housings
- Conductive rubber bearing liner reduces noise/vibration and static electricity
- Two piece housing units are available with inter-locking feature (IL suffix shown) or non-locking (NL suffix)
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

FHSPRZ200 Set Screw Locking

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Rubber Ring No.	Housing No.
		Dimensions in / mm													
FHSPRZ201 -8-IL FHSPRZ201 -12m-IL FHSPRZ202 -9-IL FHSPRZ202 -10-IL FHSPRZ202 -15m-IL FHSPRZ203 -11-IL FHSPRZ203 -17m-IL	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 25.40	4 1/8 104.76	3 76.2	1 25.40	13/32 10.32	1/2 12.70	.148 3.76	2 1/16 52.39	0.89 22.50	0.256 6.50	5/16	FHS201 -8 FHS201 -12mm FHS202 -9 FHS202 -10 FHS202 -15mm FHS203 -11 FHS203 -17mm	RUBBER-4	PP-4Z-SETS-IL
FHSPRZ204 -12-IL FHSPRZ204 -13-IL FHSPRZ204 -20m-IL	3/4 13/16 20mm	1 1/8 28.58	4 19/64 109.14	3 3/8 85.73	1 25.40	7/16 11.11	7/16 11.11	.127 3.23	2 7/32 56.36	0.98 25.00	0.295 7.50	3/8	FHS204 -12 FHS204 -13 FHS204 -20mm	RUBBER-5	PP-5Z-SETS-IL
FHSPRZ205 -12-IL FHSPRZ205 -13-IL FHSPRZ205 -14-IL FHSPRZ205 -15-IL FHSPRZ205 -16-IL FHSPRZ205 -25m-IL	3/4 13/16 7/8 15/16 1 25mm	1 5/16 33.34	4 7/8 123.83	3 3/4 95.25	1 1/4 31.75	13/32 10.32	9/16 14.29	.238 6.05	2 5/8 66.68	1.06 27.00	0.295 7.50	3/8	FHS205 -12 FHS205 -13 FHS205 -14 FHS205 -15 FHS205 -16 FHS205 -25mm	RUBBER-6	PP-6Z-SETS-IL
FHSPRZ206 -17-IL FHSPRZ206 -18-IL FHSPRZ206 -19-IL FHSPRZ206 -20-IL FHSPRZ206 -30m-IL	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 9/16 39.69	5 3/4 146.05	4 1/4 107.95	1 1/4 31.75	17/32 13.49	3/4 19.05	.238 6.05	3 1/8 79.38	1.18 30.00	0.354 9.00	3/8	FHS206 -17 FHS206 -18 FHS206 -19 FHS206 -20 FHS206 -30mm	RUBBER-7	PP-7Z-SETS-IL

FHPRZ200 Eccentric Locking Collar

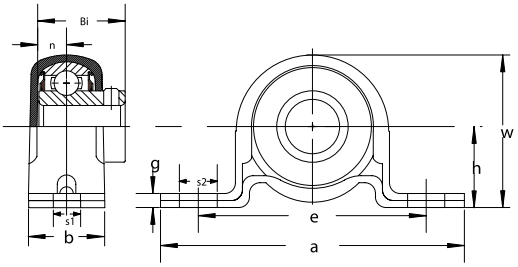
Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	i	W	Bolt Size In.	Bearing No.	Rubber Ring No.	Housing No.
		Dimensions in / mm																
FHPRZ201 -8-IL FHPRZ201 -12mm-IL FHPRZ202 -9-IL FHPRZ202 -10-IL FHPRZ202 -15mm-IL FHPRZ203 -11-IL FHPRZ203 -17mm-IL	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 25.40	4 1/8 104.76	3 76.2	1 25.40	13/32 10.32	1/2 12.70	.148 3.76	2 1/16 52.39	1.13 28.60	0.256 6.50	0.49 12.55	0.3760 9.55	1.13 28.60	5/16	FH201 -8 FH201 -12mm FH202 -9 FH202 -10 FH202 -15mm FH203 -11 FH203 -17mm	RUBBER-4	PP-4Z-SETS-IL
FHPRZ204 -12-IL FHPRZ204 -20mm-IL	3/4 20mm	1 1/8 28.58	4 19/64 109.14	3 3/8 85.73	1 25.40	7/16 11.11	7/16 11.11	.127 3.23	2 7/32 56.36	1.22 31.00	0.295 7.50	0.55 13.91	0.3776 9.59	1.26 32.00	3/8	FH204 -12 FH204 -20mm	RUBBER-5	PP-5Z-SETS-IL
FHPRZ205 -13-IL FHPRZ205 -14-IL FHPRZ205 -15-IL FHPRZ205 -16-IL FHPRZ205 -25mm-IL	13/16 7/8 15/16 1 25mm	1 5/16 33.34	4 7/8 123.83	3 3/4 95.25	1 1/4 31.75	13/32 10.32	9/16 14.29	.238 6.05	2 5/8 66.68	1.22 31.00	0.295 7.50	0.55 14.00	0.3740 9.50	1.50 38.10	3/8	FH205 -13 FH205 -14 FH205 -15 FH205 -16 FH205 -25mm	RUBBER-6	PP-6Z-SETS-IL
FHPRZ206 -17-IL FHPRZ206 -18-IL FHPRZ206 -19-IL FHPRZ206 -20-IL FHPRZ206 -30mm-IL	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 9/16 39.69	5 3/4 146.05	4 1/4 107.95	1 1/4 31.75	17/32 13.49	3/4 19.05	.238 6.05	3 1/8 79.38	1.41 35.70	0.354 9.00	0.58 14.82	0.4677 11.88	1.75 44.50	3/8	FH206 -17 FH206 -18 FH206 -19 FH206 -20 FH206 -30mm	RUBBER-7	PP-7Z-SETS-IL

Standard housing could be made in AISI 304 Stainless Steel. Combine with Stainless Steel bearing for maximum corrosion resistance. Example: SSFHSPR206-20-IL

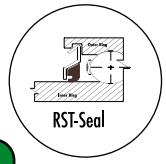
Pillow Blocks – Pressed Steel
FHSPPZ200 / FHPPZ200 Series

- Light duty, self-aligning pressed steel housings
- Two piece housing units are available with inter-locking feature (IL suffix shown)or non-locking (NL suffix)
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83



FHSPPZ200 FHPPZ200



FHSPPZ200 Set Screw Locking

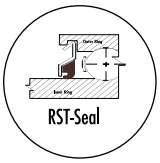
Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm												
FHSPPZ201 -8-IL FHSPPZ201 -12m-IL FHSPPZ202 -9-IL FHSPPZ202 -10-IL FHSPPZ202 -15m-IL FHSPPZ203 -11-IL FHSPPZ203 -17m-IL	1/2 12mm 9/16 5/8 15mm 11/16 17mm	7/8 22.50	3 5/8 92.08	2 5/8 67.00	1 25.50	11/32 8.80	1/2 12.70	.148 3.60	1 13/16 46.5	0.89 22.50	0.256 6.50	5/16	FHS201 -8 FHS201 -12mm FHS202 -9 FHS202 -10 FHS202 -15mm FHS203 -11 FHS203 -17mm	PP-3Z-SETS-IL
FHSPPZ204 -12-IL FHSPPZ204 -13-IL FHSPPZ204 -20m-IL	3/4 13/16 20mm	1 25.40	4 1/8 104.76	3 76.2	1 25.40	13/32 10.32	1/2 12.70	.148 3.76	2 1/16 52.39	0.98 25.00	0.295 7.50	5/16	FHS204 -12 FHS204 -13 FHS204 -20mm	PP-4Z-SETS-IL
FHSPPZ205 -12-IL FHSPPZ205 -13-IL FHSPPZ205 -14-IL FHSPPZ205 -15-IL FHSPPZ205 -16-IL FHSPPZ205 -25m-IL	3/4 13/16 7/8 15/16 1 25mm	1 1/8 28.58	4 19/64 109.14	3 3/8 85.73	1 25.40	7/16 11.11	7/16 11.11	.127 3.23	2 7/32 56.36	1.06 27.00	0.295 7.50	3/8	FHS205 -12 FHS205 -13 FHS205 -14 FHS205 -15 FHS205 -16 FHS205 -25mm	PP-5Z-SETS-IL
FHSPPZ206 -17-IL FHSPPZ206 -18-IL FHSPPZ206 -19-IL FHSPPZ206 -20-IL FHSPPZ206 -30m-IL	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 5/16 33.34	4 7/8 123.83	3 3/4 95.25	1 1/4 31.75	13/32 10.32	9/16 14.29	.238 6.05	2 5/8 66.68	1.18 30.00	0.354 9.00	3/8	FHS206 -17 FHS206 -18 FHS206 -19 FHS206 -20 FHS206 -30mm	PP-6Z-SETS-IL
FHSPPZ207 -20-IL FHSPPZ207 -21-IL FHSPPZ207 -22-IL FHSPPZ207 -23-IL FHSPPZ207 -35m-IL	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 9/16 39.69	5 3/4 146.05	4 1/4 107.95	1 1/4 31.75	17/32 13.49	3/4 19.05	.238 6.05	3 1/8 79.38	1.26 32.00	0.374 9.50	3/8	FHS207 -20 FHS207 -21 FHS207 -22 FHS207 -23 FHS207 -35mm	PP-7Z-SETS-IL

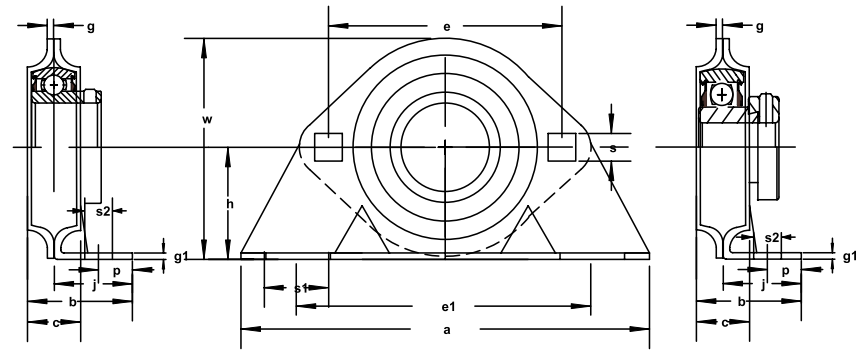
FHPPZ200 Eccentric Locking Collar

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	L	n	m	i	W	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm															
FHPPZ201 -8-IL FHPPZ201 -12mm-IL FHPPZ202 -9-IL FHPPZ202 -10-IL FHPPZ202 -15mm-IL FHPPZ203 -11-IL FHPPZ203 -17mm-IL	1/2 12mm 9/16 5/8 15mm 11/16 17mm	7/8 22.50	3 5/8 92.08	2 5/8 67.00	1 25.50	11/32 8.80	1/2 12.70	.148 3.60	1 13/16 46.5	1.13 28.60	0.256 6.50	0.49 12.55	0.3760 9.55	1.13 28.60	5/16	FH201 -8 FH201 -12mm FH202 -9 FH202 -10 FH202 -15mm FH203 -11 FH203 -17mm	PP-3Z-SETS-IL
FHPPZ204 -12-IL FHPPZ204 -20mm-IL	3/4 20mm	1 25.40	4 1/8 104.76	3 76.20	1 25.40	13/32 10.32	1/2 12.70	.148 3.76	2 1/16 52.39	1.22 31.00	0.295 7.50	0.55 13.91	0.3776 9.59	1.26 32.00	5/16	FH204 -12 FH204 -20mm	PP-4Z-SETS-IL
FHPPZ205 -13-IL FHPPZ205 -14-IL FHPPZ205 -15-IL FHPPZ205 -16-IL FHPPZ205 -25mm-IL	13/16 7/8 15/16 1 25mm	1 1/8 28.58	4 19/64 109.14	3 3/8 85.73	1 25.40	7/16 11.11	7/16 11.11	.127 3.23	2 7/32 56.36	1.22 31.00	0.295 7.50	0.55 14.00	0.3740 9.50	1.50 38.10	3/8	FH205 -13 FH205 -14 FH205 -15 FH205 -16 FH205 -25mm	PP-5Z-SETS-IL
FHPPZ206 -17-IL FHPPZ206 -18-IL FHPPZ206 -19-IL FHPPZ206 -20-IL FHPPZ206 -30mm-IL	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 5/16 33.34	4 7/8 123.83	3 3/4 95.25	1 1/4 31.75	13/32 10.32	9/16 14.29	.238 6.05	2 5/8 66.68	1.41 35.70	0.354 9.00	0.58 14.82	0.4677 11.88	1.75 44.50	3/8	FH206 -17 FH206 -18 FH206 -19 FH206 -20 FH206 -30mm	PP-6Z-SETS-IL
FHPPZ207 -20-IL FHPPZ207 -21-IL FHPPZ207 -22-IL FHPPZ207 -23-IL FHPPZ207 -35mm-IL	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 9/16 39.69	5 3/4 146.05	4 1/4 107.95	1 1/4 31.75	17/32 13.49	3/4 19.05	.238 6.05	3 1/8 79.38	1.53 38.90	0.374 9.50	0.63 15.90	0.5315 13.50	2.19 55.60	3/8	FH207 -20 FH207 -21 FH207 -22 FH207 -23 FH207 -35mm	PP-7Z-SETS-IL

Stamped housings could be made in AISI 304 stainless steel. Combine with stainless steel bearing for maximum corrosion resistance. Example: SSFHSPP206-20-IL

Pillow Blocks – Pressed Steel Stand
FHSPBPFLZ200 / FHPBPFLZ200 Series





FHSPBPFLZ200 FHPBPFLZ200 Series

- Light duty, self-aligning pressed steel housings
- Unit assembled with one piece 2-bolt flange housing (PFL) bolted to the side of a one piece stand up housing (PB)
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

FHSPBPFLZ200 Set Screw Locking

Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	e1	b	s1	s2	g	g1	w	f	c	p	j	s	Bearing No.	Flange Housing No.	Backing No.
FHSPBPFLZ201 -8 FHSPBPFLZ201 -12mm FHSPBPFLZ202 -9 FHSPBPFLZ202 -10 FHSPBPFLZ202 -15mm FHSPBPFLZ203 -11 FHSPBPFLZ203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	4 7/8 123.83	2 1/2 63.50	3 5/8 92.08	1 9/32 32.54	5/8 15.89	13/32 10.32	.075 1.91	.104 2.64	2 11/32 59.53	1 15/16 49.21	9/16 14.29	13/32 10.32	1 25.40	9/32 7.14	FHS201 -8 FHS201 -12mm FHS202 -9 FHS202 -10 FHS202 -15mm FHS203 -11 FHS203 -17mm	PB-3Z	PFL-3Z
FHSPBPFLZ204 -12 FHSPBPFLZ204 -13 FHSPBPFLZ204 -20mm	3/4 13/16 20mm	1 5/16 33.34	5 127.00	2 13/16 71.44	3 13/16 96.84	1 5/16 33.33	5/8 15.89	13/32 10.32	.083 2.11	.119 3.02	2 11/16 68.26	2 3/16 55.56	5/8 15.89	13/32 10.32	1 25.40	11/32 8.73	FHS204 -12 FHS204 -13 FHS204 -20mm	PB-4Z	PFL-4Z
FHSPBPFLZ205 -12 FHSPBPFLZ205 -13 FHSPBPFLZ205 -14 FHSPBPFLZ205 -15 FHSPBPFLZ205 -16 FHSPBPFLZ205 -25mm	3/4 13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 1/4 133.35	3 76.20	3 3/4 95.25	1 11/32 34.13	13/16 20.64	7/16 11.11	.083 2.11	.134 3.40	2 27/32 72.23	2 3/8 60.33	11/16 17.46	7/16 11.11	1 25.40	11/32 8.73	FHS205 -12 FHS205 -13 FHS205 -14 FHS205 -15 FHS205 -16 FHS205 -25mm	PB-5Z	PFL-5Z
FHSPBPFLZ206 -17 FHSPBPFLZ206 -18 FHPSBPFLZ206 -19 FHPSBPFLZ206 -20 FHPSBPFLZ206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	6 1/4 158.75	3 9/16 90.49	4 11/16 119.06	1 17/32 38.89	7/8 22.23	9/16 14.29	.104 2.64	.134 3.40	3 11/32 84.93	2 13/16 71.44	11/16 17.46	9/16 14.29	1 3/16 4.76	13/32 10.32	FHS206 -17 FHS206 -18 FHS206 -19 FHS206 -20 FHS206 -30mm	PB-6Z	PFL-6Z
FHSPBPFLZ207 -20 FHSPBPFLZ207 -21 FHSPBPFLZ207 -22 FHSPBPFLZ207 -23 FHSPBPFLZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 1/2 165.10	3 15/16 100.01	5 127.00	1 13/16 46.04	7/8 22.23	9/16 14.29	.104 2.64	.149 3.78	3 23/32 94.46	3 3/16 80.96	7/8 22.23	9/16 14.29	1 3/8 34.93	13/32 10.32	FHS207 -20 FHS207 -21 FHS207 -22 FHS207 -23 FHS207 -35mm	PB-7Z	PFL-7Z

FHPBPFLZ200 Eccentric Locking Collar

Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	e1	b	s1	s2	g	g1	w	f	c	p	j	s	Bearing No.	Flange Housing No.	Backing No.
FHPBPFLZ201 -8 FHPBPFLZ201 -12mm FHPBPFLZ202 -9 FHPBPFLZ202 -10 FHPBPFLZ202 -15mm FHPBPFLZ203 -11 FHPBPFLZ203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 3/16 30.16	4 7/8 123.83	2 1/2 63.50	3 5/8 92.08	1 9/32 32.54	5/8 15.89	13/32 10.32	.075 1.91	.104 2.64	2 11/32 59.53	1 15/16 49.21	9/16 14.29	13/32 10.32	1 25.40	9/32 7.14	FH201 -8 FH201 -12mm FH202 -9 FH202 -10 FH202 -15mm FH203 -11 FH203 -17mm	PB-3Z	PFL-3Z
FHPBPFLZ204 -12 FHPBPFLZ204 -20mm	3/4 20mm	1 5/16 33.34	5 127.00	2 13/16 71.44	3 13/16 96.84	1 5/16 33.33	5/8 15.89	13/32 10.32	.083 2.11	.119 3.02	2 11/16 68.26	2 3/16 55.56	5/8 15.89	13/32 10.32	1 25.40	11/32 8.73	FH204 -12 FH204 -20mm	PB-4Z	PFL-4Z
FHPBPFLZ205 -13 FHPBPFLZ205 -14 FHPBPFLZ205 -15 FHPBPFLZ205 -16 FHPBPFLZ205 -25mm	13/16 7/8 15/16 1 25mm	1 7/16 36.51	5 1/4 133.35	3 76.20	3 3/4 95.25	1 11/32 34.13	13/16 20.64	7/16 11.11	.083 2.11	.134 3.40	2 27/32 72.23	2 3/8 60.33	11/16 17.46	7/16 11.11	1 25.40	11/32 8.73	FH205 -13 FH205 -14 FH205 -15 FH205 -16 FH205 -25mm	PB-5Z	PFL-5Z
FHPBPFLZ206 -17 FHPBPFLZ206 -18 FHPBPFLZ206 -19 FHPBPFLZ206 -20 FHPBPFLZ206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.86	6 1/4 158.75	3 9/16 90.49	4 11/16 119.06	1 17/32 38.89	7/8 22.23	9/16 14.29	.104 2.64	.134 3.40	3 11/32 84.93	2 13/16 71.44	11/16 17.46	9/16 14.29	1 3/16 4.76	13/32 10.32	FH206 -17 FH206 -18 FH206 -19 FH206 -20 FH206 -30mm	PB-6Z	PFL-6Z
FHPBPFLZ207 -20 FHPBPFLZ207 -21 FHPBPFLZ207 -22 FHPBPFLZ207 -23 FHPBPFLZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.63	6 1/2 165.10	3 15/16 100.01	5 127.00	1 13/16 46.04	7/8 22.23	9/16 14.29	.104 2.64	.149 3.78	3 23/32 94.46	3 3/16 80.96	7/8 22.23	9/16 14.29	1 3/8 34.93	13/32 10.32	FH207 -20 FH207 -21 FH207 -22 FH207 -23 FH207 -35mm	PB-7Z	PFL-7Z

PILLOW BLOCK "SPECIALS"

PEER offers many options and modifications on pillow blocks. In addition, PEER offers custom pillow blocks made to exact customer specifications. Below are just a few examples. Contact your sales representative for further information.

Pedestal Pillow Blocks
Cast iron UCPH series for applications requiring very high center heights

Special designed Pressed Steel Pillow Blocks
with Grip-it style bearings (GRPPZ)
specially designed for air handling applications

Specially designed pillow blocks
for any application

Pillow Blocks, Modified
Example of a solid base cast iron pillow block made to customer specification. Unlike standard slotted bolt hole, this unit has round bolt holes.

Private labeling available
See page 82 for Flange & Casted specials

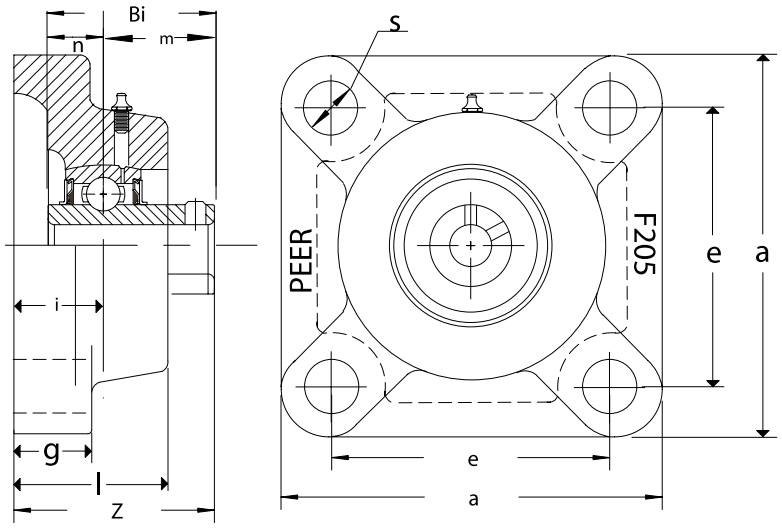
Flange Units – Standard 4 Bolt
UCF200 Series Set Screw Locking

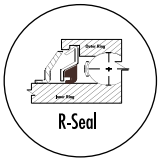
- Standard duty, high-grade cast iron
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
UCF201 -8 **UCF201 -12mm** **UCF202 -9** **UCF202 -10** **UCF202 -15mm** **UCF203 -11** **UCF203 -17mm**	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 76.2	2 1/8 54.0	.592 15.00	3/8 9.5	1 25.4	27/64 11.0	1.31 33.3	1.220 31.00	0.500 12.70	0.72 18.30	3/8	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	F-203-H
UCF204 -12 **UCF204 -13** **UCF204 -20mm**	3/4 13/16 20mm	3 3/8 85.7	2 1/2 63.5	.592 15.00	7/16 11.1	1 25.4	27/64 11.0	1.31 33.3	1.220 31.00	0.500 12.70	0.72 18.30	3/8	UC204 -12 UC204 -13 UC204 -20mm	F-204-H
UCF205 -13 **UCF205 -14** **UCF205 -15** **UCF205 -16** **UCF205 -25mm**	13/16 7/8 15/16 1 25mm	3 3/4 95.3	2 3/4 69.9	.631 16.00	1/2 12.7	1 1/16 26.9	15/32 12.0	1.41 35.7	1.339 34.00	0.563 14.30	0.78 19.70	3/8	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	F-205-H
UCF206 -17 **UCF206 -18** **UCF206 -19** **UCF206 -20** **UCF206 -30mm**	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 108.0	3 1/4 82.6	.720 18.30	9/16 14.3	1 5/64 27.3	15/32 12.0	1.59 40.5	1.500 38.10	0.626 15.90	0.87 22.20	3/8	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	F-206-H
UCF207 -20 **UCF207 -21** **UCF207 -22** **UCF207 -23** **UCF207 -35mm**	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 19/32 116.7	3 5/8 92.1	.750 19.10	19/32 15.1	1 3/16 30.1	17/32 13.5	1.75 44.5	1.689 42.90	0.689 17.50	1.00 25.40	7/16	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	F-207-H
UCF208 -24 **UCF208 -25** **UCF208 -40mm**	1 1/2 1 9/16 40mm	5 1/8 130.2	4 101.6	.834 21.20	19/32 15.1	1 13/32 35.7	37/64 15.0	2.02 51.4	1.937 49.20	0.748 19.00	1.19 30.20	1/2	UC208 -24 UC208 -25 UC208 -40mm	F-208-H





Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm												
UCF209 -26 UCF209 -27 UCF209 -28 UCF209 -45mm	1 5/8 1 11/16 1 3/4 45mm	5 3/8 136.5	4 1/8 105.0	.874 22.20	5/8 15.9	1 1/2 38.1	37/64 15.0	2.06 52.4	1.937 49.20	0.748 19.00	1.19 30.20	1/2	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	F-209-H
UCF210 -29 UCF210 -30 UCF210 -31 UCF210 -32 UCF210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	5 5/8 142.9	4 3/8 111.1	.873 22.20	5/8 15.9	1 9/16 39.7	37/64 15.0	2.16 54.8	2.031 51.60	0.748 19.00	1.28 32.60	1/2	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	F-210-H
UCF211 -32 UCF211 -33 UCF211 -34 UCF211 -35 UCF211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	6 3/8 161.9	5 1/8 130.2	.998 25.30	23/32 18.3	1 11/16 42.9	45/64 18.0	2.31 58.7	2.189 55.60	0.874 22.20	1.31 33.40	5/8	UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	F-211-H
UCF212 -36 UCF212 -37 UCF212 -38 UCF212 -39 UCF212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	6 7/8 174.6	5 5/8 142.9	1.156 29.40	23/32 18.3	1 7/8 47.6	45/64 18.0	2.72 69.1	2.563 65.10	1.000 25.40	1.56 39.70	5/8	UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	F-212-H
UCF213 -40 UCF213 -41 UCF213 -65mm	2 1/2 2 9/16 65mm	7 3/8 187.3	5 7/8 149.0	1.187 30.10	7/8 22.2	1 31/32 50.0	45/64 18.0	2.75 69.8	2.563 65.10	1.000 25.40	1.56 39.70	5/8	UC213 -40 UC213 -41 UC213 -65mm	F-213-H
UCF214 -42 UCF214 -43 UCF214 -44 UCF214 -70mm	2 5/8 2 11/16 2 3/4 70mm	7 19/32 192.9	6 152.4	1.221 31.0	7/8 22.2	2 1/8 53.9	45/64 18.0	2.97 75.4	2.937 74.60	1.189 30.20	1.75 44.40	5/8	UC214 -42 UC214 -43 UC214 -44 UC214 -70mm	F-214-H
UCF215 -45 UCF215 -46 UCF215 -47 UCF215 -48 UCF215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	7 7/8 200.0	6 1/4 158.8	1.342 34.10	7/8 22.2	2 7/32 56.4	45/64 18.0	3.09 78.6	3.063 77.80	1.311 33.30	1.75 44.50	5/8	UC215 -45 UC215 -46 UC215 -47 UC215 -48 UC215 -75mm	F-215-H
UCF216 -50 UCF216 -80mm	3 1/8 80mm	8 3/16 207.9	6 1/2 165.1	1.340 34.00	7/8 22.2	2 9/32 57.9	55/64 22.0	3.28 83.3	3.252 82.60	1.311 33.30	1.94 49.30	3/4	UC216 -50 UC216 -80mm	F-216-H
UCF217 -52 UCF217 -55 UCF217 -85mm	3 1/4 3 7/16 85mm	8 21/32 219.9	6 57/64 175.0	1.406 35.70	15/16 23.8	2 15/32 62.7	55/64 22.0	3.44 87.3	3.374 85.70	1.343 34.10	2.03 51.60	3/4	UC217 -52 UC217 -55 UC217 -85mm	F-217-H
UCF218 -56 UCF218 -90mm	3 1/2 90mm	9 1/4 234.9	7 23/64 186.9	1.565 39.80	1 25.4	2 11/16 68.3	55/64 22.0	3.78 96.1	3.780 96.00	1.563 39.70	2.22 56.30	3/4	UC218 -56 UC218 -90mm	F-218-H

Bolt hole diameter ('s' dimension) can be drilled to your specifications

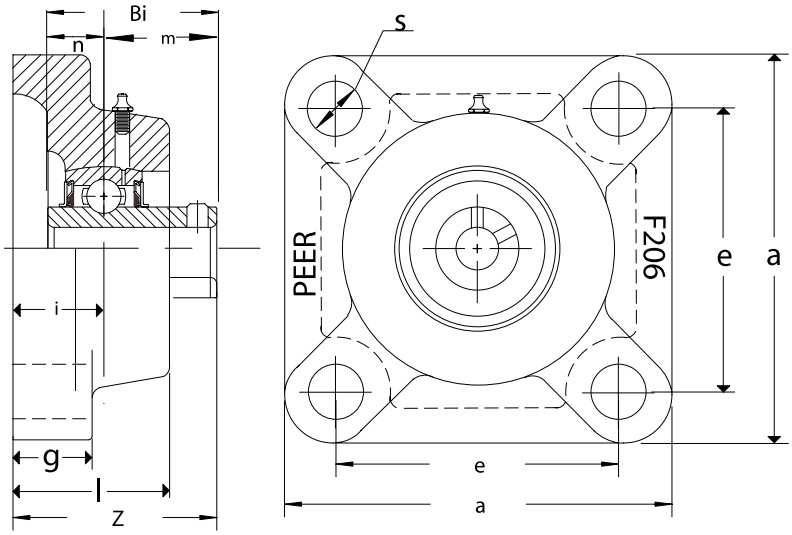
Flange Units – Medium Duty 4 Bolt
UCFX00 Series Set Screw Locking

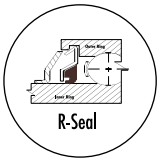
- Medium duty, high-grade cast iron
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
UCFX05 -13 **UCFX05 -14** **UCFX05 -15** **UCFX05 -16** **UCFX05 -25mm**	13/16 7/8 15/16 1 25mm	4 1/4 108.0	3 1/4 82.6	.720 18.30	9/16 14.3	1 5/64 27.3	15/32 12.0	1.59 40.5	1.500 38.10	0.626 15.90	0.87 22.20	3/8	UCX05 -13 UCX05 -14 UCX05 -15 UCX05 -16 UCX05 -25mm	F-206-H
UCFX06 -17 **UCFX06 -18** **UCFX06 -19** **UCF207 -20 *** **UCFX06 -30mm**	1 1/16 1 1/8 1 3/16 1 1/4 30mm	4 19/32 116.7	3 5/8 92.1	.750 19.1	19/32 15.1	1 3/16 30.1	17/32 13.5	1.75 44.5	1.689 42.90	0.689 17.50	1.00 25.40	7/16	UCX06 -17 UCX06 -18 UCX06 -19 UC207 -20 * UCX06 -30mm	F-207-H
UCFX07 -20 **UCFX07 -21** **UCFX07 -22** **UCFX07 -23** **UCFX07 -35mm**	1 1/4 1 5/16 1 3/8 1 7/16 35mm	5 1/8 130.2	4 101.6	.834 21.2	19/32 15.1	1 13/32 35.7	37/64 15.0	2.02 51.4	1.937 49.20	0.748 19.00	1.19 30.20	1/2	UCX07 -20 UCX07 -21 UCX07 -22 UCX07 -23 UCX07 -35mm	F-208-H
UCFX08 -24 **UCFX08 -25** **UCFX08 -40mm**	1 1/2 1 9/16 40mm	5 3/8 136.5	4 1/8 105.0	.874 22.2	5/8 15.9	1 1/2 38.1	37/64 15.0	2.06 52.4	1.937 49.20	0.748 19.00	1.19 30.20	1/2	UCX08 -24 UCX08 -25 UCX08 -40mm	F-209-H
UCFX09 -26 **UCFX09 -27** **UCFX09 -28** **UCFX09 -45mm**	1 5/8 1 11/16 1 3/4 45mm	5 5/8 142.9	4 3/8 111.1	.873 22.2	5/8 15.9	1 9/16 39.7	37/64 15.0	2.16 54.8	2.031 51.60	0.748 19.00	1.28 32.60	1/2	UCX09 -26 UCX09 -27 UCX09 -28 UCX09 -45mm	F-210-H
UCFX10 -29 **UCFX10 -30** **UCFX10 -31** **UCF211 -32 **** **UCFX10 -50mm**	1 13/19 1 7/8 1 15/16 2 50mm	6 3/8 161.9	5 1/8 130.2	.998 25.3	23/32 18.3	1 11/16 42.9	45/64 18.0	2.31 58.7	2.189 55.60	0.874 22.20	1.31 33.40	5/8	UCX10 -29 UCX10 -30 UCX10 -31 UC211 -32 ** UCX10 -50mm	F-211-H





Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
UCFX11 -32 **UCFX11 -33** **UCFX11 -34** **UCFX11 -35** **UCF212 -36 ***** **UCFX11 -55mm**	2 2 1/16 2 1/8 2 3/16 2 1/4 55mm	6 7/8 174.6	5 5/8 142.9	1.156 29.40	23/32 18.3	1 7/8 47.6	45/64 18.0	2.72 69.1	2.563 65.10	1.000 25.40	1.56 39.70	5/8	UCX11 -32 UCX11 -33 UCX11 -34 UCX11 -35 UC212 -36 ***** UCX11 -55mm	F-212-H
UCFX12 -37 **UCFX12 -38** **UCFX12 -39** **UCFX12 -60mm**	2 5/16 2 3/8 2 7/16 60mm	7 3/8 187.3	5 7/8 149.0	1.187 30.10	7/8 22.2	1 31/32 50.0	45/64 18.0	2.75 69.8	2.563 65.10	1.000 25.40	1.56 39.70	5/8	UCX12 -37 UCX12 -38 UCX12 -39 UCX12 -60mm	F-213-H
UCFX13 -40 **UCFX13 -41** **UCFX13 -65mm**	2 1/2 2 9/16 65mm	7 19/32 192.9	6 152.4	1.221 31.00	7/8 22.2	2 1/8 53.9	45/64 18.0	2.97 75.4	2.937 74.60	1.189 30.20	1.75 44.40	5/8	UCX13 -40 UCX13 -41 UCX13 -65mm	F-214-H
UCFX14 -42 **UCFX14 -43** **UCFX14 -44** **UCFX14 -70mm**	2 5/8 2 11/16 2 3/4 70mm	7 7/8 200.0	6 1/4 158.8	1.342 34.10	7/8 22.2	2 7/32 56.4	45/64 18.0	3.09 78.6	3.063 77.80	1.311 33.30	1.75 44.50	5/8	UCX14 -42 UCX14 -43 UCX14 -44 UCX14 -70mm	F-215-H
UCFX15 -45 **UCFX15 -46** **UCFX15 -47** **UCFX15 -48** **UCFX15 -75mm**	2 13/16 2 7/8 2 15/16 3 75mm	8 3/16 207.9	6 1/2 165.1	1.340 34.00	7/8 22.2	2 9/32 57.9	55/64 22.0	3.28 83.3	3.252 82.60	1.311 33.30	1.94 49.30	3/4	UCX15 -45 UCX15 -46 UCX15 -47 UCX15 -48 UCX15 -75mm	F-216-H
UCFX16 -50 **UCFX16 -80mm**	3 1/8 80mm	8 21/32 219.9	6 57/64 175.0	1.406 35.70	15/16 23.8	2 15/32 62.7	55/64 22.0	3.44 87.3	3.374 85.70	1.343 34.10	2.03 51.60	3/4	UCX16 -50 UCX16 -80mm	F-217-H
UCFX17 -52 **UCFX17 -85mm**	3 1/4 85mm	9 1/4 234.9	7 23/64 186.9	1.565 39.80	1 25.4	2 11/16 68.3	55/64 22.0	3.78 96.1	3.780 96.00	1.563 39.70	2.22 56.30	3/4	UCX17 -52 UCX17 -85mm	F-218-H

** UCFX06-20 uses standard UC207-20 bearing and therefore is listed as UCF207-20*
*** UCFX10-32 uses standard UC211-32 bearing and therefore is listed as UCF211-32*
**** UCFX11-36 uses standard UC212-36 bearing and therefore is listed as UCF212-36*

Bolt hole diameter ('s' dimension) can be drilled to your specifications

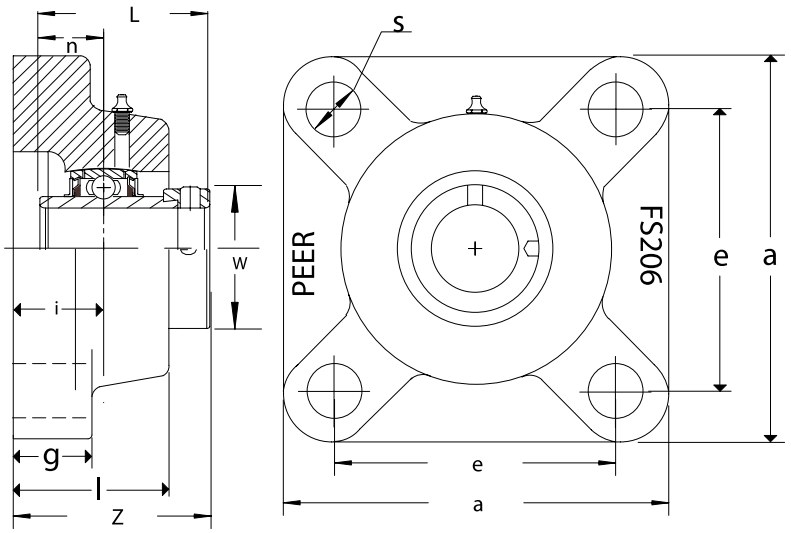
Flange Units – Standard 4 Bolt
HCFS200 Series Eccentric Locking Collar

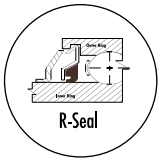
- Standard duty, high-grade cast iron
- Solid base housing design for added strength
- Wide inner ring bearing
- Relubricatable unit
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
HCSFS201 -8 HCSFS201 -12mm HCSFS202 -9 HCSFS202 -10 HCSFS202 -15mm HCSFS203 -11 HCSFS203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 76.2	2 1/8 54.0	.657 16.70	1/2 12.7	1 3/32 27.8	25/64 10.0	1.58 40.1	1.4685 37.300	0.547 13.90	1.13 28.60	5/16	HCS201 -8 HCS201 -12mm HCS202 -9 HCS202 -10 HCS202 -15mm HCS203 -11 HCS203 -17mm	FS-203S-H
HCFS201 -8 HCFS201 -12mm HCFS202 -9 HCFS202 -10 HCFS202 -15mm HCFS203 -11 HCFS203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/8 85.7	2 1/2 63.5	.750 19.10	3/8 9.5	1 1/8 28.8	15/32 12.0	1.80 45.6	1.7126 43.500	0.669 17.00	1.26 32.00	3/8	HC201 -8 HC201 -12mm HC202 -9 HC202 -10 HC202 -15mm HC203 -11 HC203 -17mm	FS-204-H
HCFS204 -12 HCFS204 -20mm	3/4 20mm	3 3/8 85.7	2 1/2 63.5	.750 19.10	3/8 9.5	1 1/8 28.8	15/32 12.0	1.80 45.6	1.7126 43.500	0.669 17.00	1.26 32.00	3/8	HC204 -12 HC204 -20mm	FS-204-H
HCFS205 -13 HCFS205 -14 HCFS205 -15 HCFS205 -16 HCFS205 -25mm	13/16 7/8 15/16 1 25mm	3 3/4 95.3	2 3/4 69.9	.826 20.90	7/16 11.1	1 7/32 31.2	15/32 12.0	1.88 47.8	1.7441 44.300	0.685 17.40	1.50 38.10	3/8	HC205 -13 HC205 -14 HC205 -15 HC205 -16 HC205 -25mm	FS-205-H
HCFS206 -17 HCFS206 -18 HCFS206 -19 HCFS206 -20 HCFS206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 108.0	3 1/4 82.6	.826 20.90	5/8 15.9	1 11/32 34.3	17/32 13.5	2.01 51.0	1.9016 48.300	0.717 18.20	1.75 44.50	7/16	HC206 -17 HC206 -18 HC206 -19 HC206 -20 HC206 -30mm	FS-206-H
HCFS207 -20 HCFS207 -21 HCFS207 -22 HCFS207 -23 HCFS207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 5/8 117.5	3 5/8 92.1	.906 23.00	1/2 12.7	1 1/2 38.1	17/32 13.5	2.18 55.3	2.0118 51.100	0.740 18.80	2.19 55.60	7/16	HC207 -20 HC207 -21 HC207 -22 HC207 -23 HC207 -35mm	FS-207-H
HCFS208 -24 HCFS208 -25 HCFS208 -40mm	1 1/2 1 9/16 40mm	5 1/8 130.2	4 101.6	1.000 25.40	21/32 16.7	1 17/32 38.9	37/64 15.0	2.37 60.3	2.2165 56.300	0.843 21.40	2.37 60.30	1/2	HC208 -24 HC208 -25 HC208 -40mm	FS-208-H





Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
							Dimensions in mm							
HCFS209 -26 HCFS209 -27 HCFS209 -28 HCFS209 -45mm	1 5/8 1 11/16 1 3/4 45mm	5 3/8 136.5	4 1/8 105.0	1.000 25.40	23/32 18.3	11 9/16 39.7	21/32 17.0	2.37 60.3	2.2165 56.300	0.843 21.40	2.50 63.50	9/16	HC209 -26 HC209 -27 HC209 -28 HC209 -45mm	FS-209-H
HCFS210 -29 HCFS210 -30 HCFS210 -31 HCFS210 -32 HCFS210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	5 5/8 142.9	4 3/8 111.1	1.142 29.00	5/8 15.9	1 13/16 46.0	21/32 17.0	2.64 67.1	2.4685 62.700	0.969 24.60	2.75 69.90	9/16	HC210 -29 HC210 -30 HC210 -31 HC210 -32 HC210 -50mm	FS-210-H
HCFS211 -32 HCFS211 -33 HCFS211 -34 HCFS211 -35 HCFS211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	6 3/8 161.9	5 1/8 130.2	1.260 32.00	11/16 17.5	1 31/32 50.0	45/64 18.0	2.98 75.7	2.8110 71.400	1.091 27.70	3.00 76.20	5/8	HC211 -32 HC211 -33 HC211 -34 HC211 -35 HC211 -55mm	FS-211-H
HCFS212 -36 HCFS212 -37 HCFS212 -38 HCFS212 -39 HCFS212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	6 7/8 174.6	5 5/8 142.9	1.343 34.10	11/16 17.5	2 5/32 54.8	45/64 18.0	3.19 81.0	3.0630 77.800	1.217 30.90	3.31 84.10	5/8	HC212 -36 HC212 -37 HC212 -38 HC212 -39 HC212 -60mm	FS-212-H
HCFS213 -40 HCFS213 -41 HCFS213 -65mm	2 1/2 2 9/16 65mm	7 3/8 187.3	5 7/8 149.0	1.500 38.10	7/8 22.2	2 5/16 58.7	45/64 18.0	3.53 89.7	3.3740 85.700	1.343 34.10	3.39 86.00	5/8	HC213 -40 HC213 -41 HC213 -65mm	FS-213-H
HCFS214 -42 HCFS214 -43 HCFS214 -44 HCFS214 -70mm	2 5/8 2 11/16 2 3/4 70mm	7 19/32 192.9	6 152.4	1.500 38.10	7/8 22.2	2 7/16 61.9	45/64 18.0	3.53 89.7	3.3740 85.700	1.343 34.10	3.54 90.00	5/8	HC214 -42 HC214 -43 HC214 -44 HC214 -70mm	FS-214-H
HCFS215 -45 HCFS215 -46 HCFS215 -47 HCFS215 -48 HCFS215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	7 7/8 200.0	6 1/4 158.8	1.609 40.80	7/8 22.2	2 9/16 65.1	45/64 18.0	3.76 95.6	3.6260 92.100	1.469 37.30	4.00 101.60	5/8	HC215 -45 HC215 -46 HC215 -47 HC215 -48 HC215 -75mm	FS-215-H

Bolt hole diameter ('s' dimension) can be drilled to your specifications

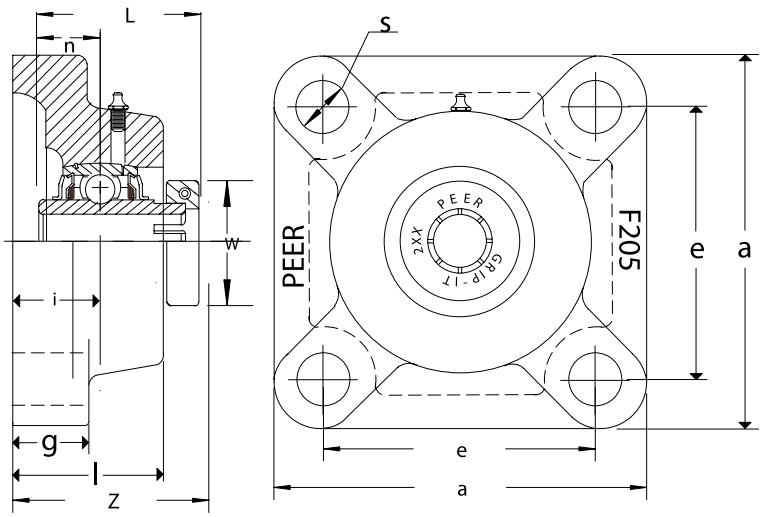
Flange Units – Standard 4 Bolt
GRF200 Series GRIP-IT 360 Degree Locking

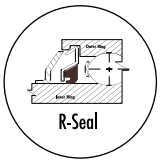
- Standard duty, high-grade cast iron
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Black Oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
GRF204 -12 GRF204 -13 GRF204 -20mm	3/4 13/16 20mm	3 3/8 85.7	2 1/2 63.5	.592 15.00	7/16 11.1	1 25.4	27/64 11.0	1.46 37.2	1.3740 34.900	0.500 12.70	1.76 44.60	3/8	GR204 -12 GR204 -13 GR204 -20mm	F-204-H
GRF205 -13 GRF205 -14 GRF205 -15 GRF205 -16 GRF205 -25mm	13/16 7/8 15/16 1 25mm	3 3/4 95.3	2 3/4 69.9	.631 16.00	1/2 12.7	1 1/16 26.9	15/32 12.0	1.58 40.1	1.5118 38.400	0.563 14.30	1.94 49.20	3/8	GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	F-205-H
GRF206 -17 GRF206 -18 GRF206 -19 GRF206 -20 GRF206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 108.0	3 1/4 82.6	.720 18.30	9/16 14.3	1 5/64 27.3	15/32 12.0	1.74 44.3	1.6496 41.900	0.626 15.90	2.19 55.50	3/8	GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	F-206-H
GRF207 -20 GRF207 -21 GRF207 -22 GRF207 -23 GRF207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 19/32 116.7	3 5/8 92.1	.750 19.10	19/32 15.1	1 3/16 30.1	17/32 13.5	1.93 49.1	1.8701 47.500	0.689 17.50	2.57 65.40	7/16	GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	F-207-H
GRF208 -24 GRF208 -25 GRF208 -40mm	1 1/2 1 9/16 40mm	5 1/8 130.2	4 101.6	.834 21.20	19/32 15.1	1 13/32 35.7	37/64 15.0	2.20 55.9	2.1142 53.700	0.748 19.00	2.69 68.40	1/2	GR208 -24 GR208 -25 GR208 -40mm	F-208-H
GRF209 -26 GRF209 -27 GRF209 -28 GRF209 -45mm	1 5/8 1 11/16 1 3/4 45mm	5 3/8 136.5	4 1/8 105.0	.874 22.20	5/8 15.9	1 1/2 38.1	37/64 15.0	2.25 57.1	2.1220 53.900	0.748 19.00	2.93 74.50	1/2	GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	F-209-H

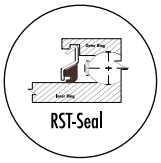


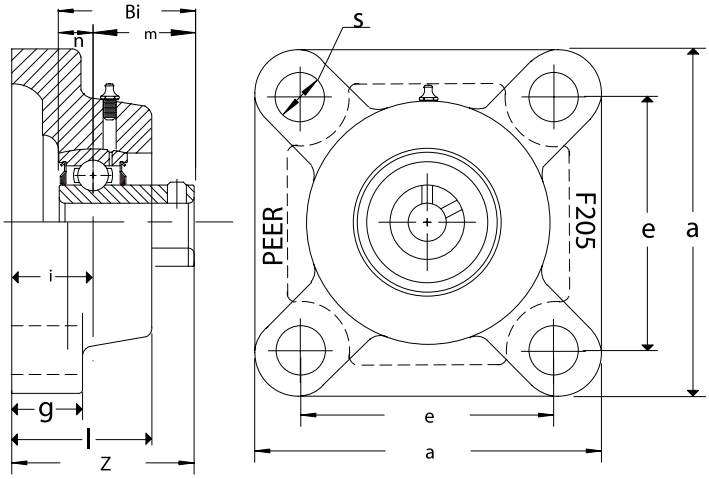


Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm												
GRF210 -29 GRF210 -30 GRF210 -31 GRF210 -32 GRF210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	5 5/8 142.9	4 3/8 111.1	.873 22.20	5/8 15.9	1 9/16 39.7	37/64 15.0	2.39 60.8	2.2677 57.600	0.748 19.00	3.39 86.00	1/2	GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	F-210-H
GRF211 -32 GRF211 -33 GRF211 -34 GRF211 -35 GRF211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	6 3/8 161.9	5 1/8 130.2	.998 25.30	23/32 18.3	1 11/16 42.9	45/64 18.0	2.55 64.8	2.4291 61.700	0.874 22.20	3.50 89.00	5/8	GR211 -32 GR211 -33 GR211 -34 GR211 -35 GR211 -55mm	F-211-H
GRF212 -36 GRF212 -37 GRF212 -38 GRF212 -39 GRF212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	6 7/8 174.6	5 5/8 142.9	1.156 29.40	23/32 18.3	1 7/8 47.6	45/64 18.0	3.00 76.3	2.8465 72.300	1.000 25.40	4.06 103.00	5/8	GR212 -36 GR212 -37 GR212 -38 GR212 -39 GR212 -60mm	F-212-H
GRF213 -40 GRF213 -41 GRF213 -65mm	2 1/2 2 9/16 65mm	7 3/8 187.3	5 7/8 149.0	1.187 30.10	7/8 22.2	1 31/32 50.0	45/64 18.0	3.03 77.0	2.8465 72.300	1.000 25.40	4.11 104.50	5/8	GR213 -40 GR213 -41 GR213 -65mm	F-213-H
GRF214 -42 GRF214 -43 GRF214 -44 GRF214 -70mm	2 5/8 2 11/16 2 3/4 70mm	7 19/32 192.9	6 152.4	1.221 31.00	7/8 22.2	2 1/8 53.9	45/64 18.0	3.25 82.6	3.2205 81.800	1.189 30.20	4.39 111.50	5/8	GR214 -42 GR214 -43 GR214 -44 GR214 -70mm	F-214-H
GRF215 -45 GRF215 -46 GRF215 -47 GRF215 -48 GRF215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	7 7/8 200.0	6 1/4 158.8	1.342 34.10	7/8 22.2	2 7/32 56.4	45/64 18.0	3.39 86.1	3.3583 85.300	1.311 33.30	4.65 118.00	5/8	GR215 -45 GR215 -46 GR215 -47 GR215 -48 GR215 -75mm	F-215-H

Bolt hole diameter ('s' dimension) can be drilled to your specifications

Flange Units – Standard 4 Bolt
FHSF200-G Series Set Screw Locking





- Standard duty, high-grade cast iron
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

Dimensions in / mm

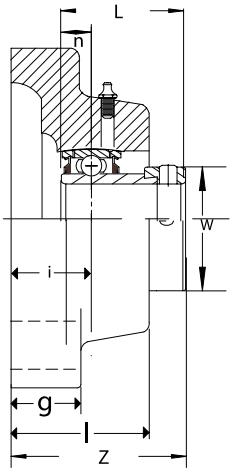
Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
FHSFJ201 -8G FHSFJ201 -12mmG FHSFJ202 -9G FHSFJ202 -10G FHSFJ202 -15mmG FHSFJ203 -11G FHSFJ203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 76.2	2 1/8 54.0	.375 9.50	7/16 11.1	45/64 17.9	27/64 11.0	1.00 25.5	0.886 22.50	0.256 6.50	0.63 16.00	3/8	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	FJ-203-H
FHSF204 -12G FHSF204 -13G FHSF204 -20mmG	3/4 13/16 20mm	3 3/8 85.7	2 1/2 63.5	.592 15.00	7/16 11.1	1 25.4	27/64 11.0	1.28 32.5	0.984 25.00	0.295 7.50	0.69 17.50	3/8	FHS204 -12G FHS204 -13G FHS204 -20mmG	F-204-H
FHSF205 -12G FHSF205 -13G FHSF205 -14G FHSF205 -15G FHSF205 -16G FHSF205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95.3	2 3/4 69.9	.631 16.00	1/2 12.7	1 1/16 26.9	15/32 12.0	1.40 35.5	1.063 27.00	0.295 7.50	0.77 19.50	3/8	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	F-205-H
FHSF206 -17G FHSF206 -18G FHSF206 -19G FHSF206 -20G FHSF206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 108.0	3 1/4 82.6	.720 18.30	9/16 14.3	1 5/64 27.3	15/32 12.0	1.55 39.3	1.181 30.00	0.354 9.00	0.83 21.00	3/8	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	F-206-H
FHSF207 -20G FHSF207 -21G FHSF207 -22G FHSF207 -23G FHSF207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 19/32 116.7	3 5/8 92.1	.750 19.10	19/32 15.1	1 3/16 30.1	17/32 13.5	1.64 41.6	1.260 32.00	0.374 9.50	0.89 22.50	7/16	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	F-207-H
FHSF208 -24G FHSF208 -25G FHSF208 -40mmG	1 1/2 1 9/16 40mm	5 1/8 130.2	4 101.6	.834 21.20	19/32 15.1	1 13/32 35.7	37/64 15.0	1.90 48.2	1.496 38.00	0.433 11.00	1.06 27.00	1/2	FHS208 -24G FHS208 -25G FHS208 -40mmG	F-208-H
FHSF209 -26G FHSF209 -27G FHSF209 -28G FHSF209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	5 3/8 136.5	4 1/8 105.0	.874 22.20	5/8 15.9	1 1/2 38.1	37/64 15.0	2.00 50.700	1.555 39.50	0.433 11.00	1.12 28.50	1/2	FHS209-26G FHS209 -27G FHS209 -28G FHS209-45mm	F-209-H
FHSF210 -29G FHSF210 -30G FHSF210 -31G FHSF210 -32G FHSF210 -50mmG	1 13/16 1 7/8 1 15/16 2 50mm	5 5/8 142.9	4 3/8 111.1	.873 22.20	5/8 15.9	1 9/16 39.7	37/64 15.0	2.16 54.800	1.717 43.60	0.433 11.00	1.28 32.60	1/2	FHS210-29G FHS210-30G FHS210-31G FHS210-32G FHS210-50mm	F-210-H
FHSF211 -32G FHSF211 -33G FHSF211 -34G FHSF211 -35G FHSF211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	6 3/8 161.9	5 1/8 130.2	.998 25.30	23/32 18.3	1 11/16 42.9	45/64 18.0	3.26 82.800	2.756 70.00	0.492 12.50	1.31 33.40	5/8	FHS211-32G FHS211-33G FHS211-34G FHS211-35G FHS211-55mm	F-211-H

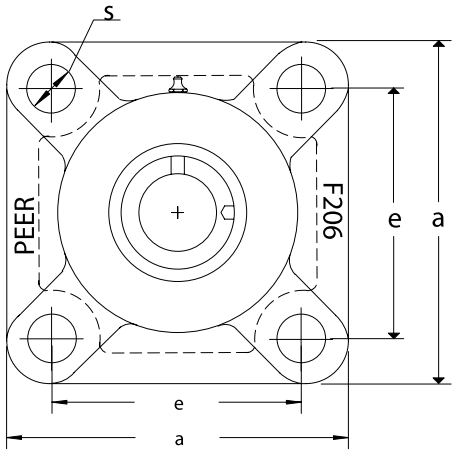
Bolt hole diameter ('s' dimension) can be drilled to your specifications

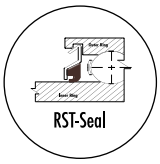
Flange Units – Standard 4 Bolt
FHF200-G Series Eccentric Locking Collar

- Standard duty, high-grade cast iron
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83





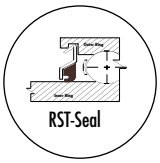


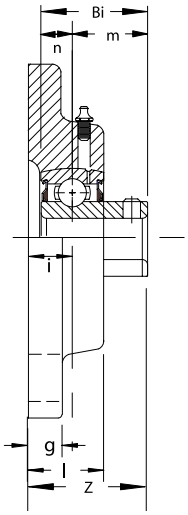
Dimensions in / mm

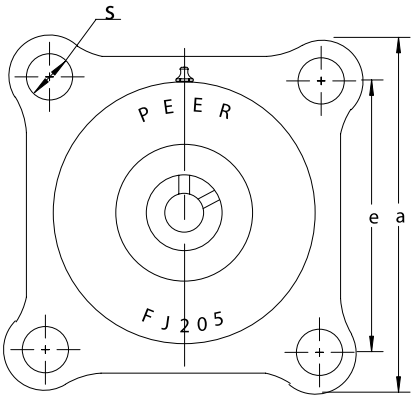
Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
FHFJ201 -8G FHFJ201 -12mmG FHFJ202 -9G FHFJ202 -10G FHFJ202 -15mmG FHFJ203 -11G FHFJ203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 76.2	2 1/8 54.0	.375 9.50	7/16 11.1	45/64 17.9	27/64 11.0	1.24 31.6	1.1260 28.600	0.256 6.50	1.13 28.60	3/8	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	FJ-203-H
FHF204 -12G FHF204 -20mmG	3/4 20mm	3 3/8 85.7	2 1/2 63.5	.592 15.00	7/16 11.1	1 25.4	27/64 11.0	1.52 38.5	1.2205 31.000	0.295 7.50	1.26 32.00	3/8	FH204 -12G FH204 -20mmG	F-204-H
FHF205 -13G FHF205 -14G FHF205 -15G FHF205 -16G FHF205 -25mmG	13/16 7/8 15/16 1 25mm	3 3/4 95.3	2 3/4 69.9	.631 16.00	1/2 12.7	1 1/16 26.9	15/32 12.0	1.56 39.5	1.2205 31.000	0.295 7.50	1.50 38.10	3/8	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	F-205-H
FHF206 -17G FHF206 -18G FHF206 -19G FHF206 -20G FHF206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 108.0	3 1/4 82.6	.720 18.30	9/16 14.3	1 5/64 27.3	15/32 12.0	1.77 45.0	1.4055 35.700	0.354 9.00	1.75 44.50	3/8	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	F-206-H
FHF207 -20G FHF207 -21G FHF207 -22G FHF207 -23G FHF207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 19/32 116.7	3 5/8 92.1	.750 19.10	19/32 15.1	1 3/16 30.1	17/32 13.5	1.91 48.5	1.5315 38.900	0.374 9.50	2.19 55.60	7/16	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	F-207-H
FHF208 -24G FHF208 -25G FHF208 -40mmG	1 1/2 1 9/16 40mm	5 1/8 130.2	4 101.6	.834 21.20	19/32 15.1	1 13/32 35.7	37/64 15.0	2.12 53.9	1.7205 43.700	0.433 11.00	2.38 60.40	1/2	FH208 -24G FH208 -25G FH208 -40mmG	F-208-H
FHF209 -26G FHF209 -27G FHF209 -28G FHF209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	5 3/8 136.5	4 1/8 105.0	.874 22.20	5/8 15.9	1 1/2 38.1	37/64 15.0	2.16 54.9	1.7205 43.700	0.433 11.00	2.50 63.50	1/2	FH209 -26G FH209 -27G FH209 -28G FH209 -45mmG	F-209-H
FHF210 -29G FHF210 -30G FHF210 -31G FHF210 -32G FHF210 -50mmG	1 13/16 1 7/8 1 15/16 2(s) 50mm	5 5/8 142.9	4 3/8 111.1	.874 22.20	5/8 15.9	1 9/16 39.7	37/64 15.0	2.16 54.9	1.7205 43.700	0.433 11.00	2.75 69.90	1/2	FH210 -29G FH210 -30G FH210 -31G FH210 -32G FH210 -50mmG	F-210-H
FHF211 -32G FHF211 -33G FHF211 -34G FHF211 -35G FHF211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	6 3/8 161.9	5 1/8 130.2	.998 25.30	23/32 18.3	1 11/16 42.9	45/64 18.0	2.41 61.2	1.9055 48.400	0.492 12.50	3.00 76.20	5/8	FH211 -32G FH211 -33G FH211 -34G FH211 -35G FH211 -55mmG	F-211-H
FHF212 -36G FHF212 -37G FHF212 -38G FHF212 -39G FHF212 -60mmG	2 1/4 2 5/16 2 3/8 2 7/16 60mm	6 7/8 174.6	5 5/8 142.9	1.156 29.40	23/32 18.3	1 7/8 47.6	45/64 18.0	2.57 65.2	1.9409 49.300	0.531 13.50	3.31 84.20	5/8	FH212 -36G FH212 -37G FH212 -38G FH212 -39G FH212 -60mmG	F-212-H

Bolt hole diameter ('s' dimension) can be drilled to your specifications.

Flange Units – Narrow 4 Bolt
FHSFJ200-G Series Set Screw Locking







- Standard duty, high-grade cast iron
- Narrow housing follows USA/Domestic dimensions.
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

Dimensions in / mm

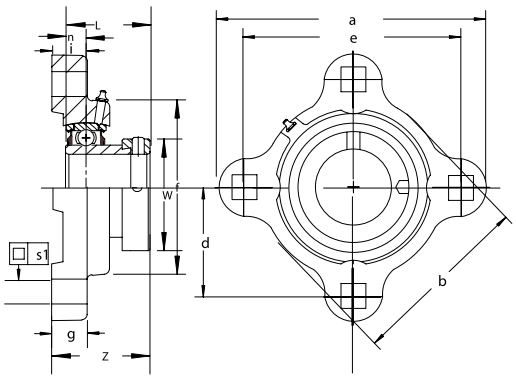
Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
FHSFJ201 -8G FHSFJ201 -12mmG FHSFJ202 -9G FHSFJ202 -10G FHSFJ202 -15mmG FHSFJ203 -11G FHSFJ203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 76.2	2 1/8 54.0	3/8 9.50	7/16 11.1	45/64 17.9	27/64 11.0	1.00 25.5	0.886 22.50	0.256 6.50	0.63 16.00	3/8	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	FJ-203-H
FHSFJ204 -12G FHSFJ204 -13G FHSFJ204 -20mmG	3/4 13/16 20mm	3 3/8 85.7	2 1/2 63.5	33/64 13.10	3/8 9.5	7/8 22.2	27/64 11.0	1.20 30.6	0.984 25.00	0.295 7.50	0.69 17.50	3/8	FHS204 -12G FHS204 -13G FHS204 -20mmG	FJ-204-H
FHSFJ205 -12G FHSFJ205 -13G FHSFJ205 -14G FHSFJ205 -15G FHSFJ205 -16G FHSFJ205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95.3	2 3/4 69.9	13/32 10.30	17/32 13.5	25/32 19.8	15/32 12.0	1.17 29.8	1.063 27.00	0.295 7.50	0.77 19.50	3/8	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	FJ-205-H
FHSFJ206 -17G FHSFJ206 -18G FHSFJ206 -19G FHSFJ206 -20G FHSFJ206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 107.9	3 1/4 82.6	7/16 11.10	9/16 14.3	27/32 21.4	15/32 12.0	1.26 32.1	1.181 30.00	0.354 9.00	0.83 21.00	3/8	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	FJ-206-H
FHSFJ207 -20G FHSFJ207 -21G FHSFJ207 -22G FHSFJ207 -23G FHSFJ207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 5/8 117.5	3 5/8 92.1	31/64 12.30	19/32 15.1	31/32 24.6	17/32 13.5	1.37 34.8	1.260 32.00	0.374 9.50	0.89 22.50	7/16	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	FJ-207-H
FHSFJ208 -24G FHSFJ208 -25G FHSFJ208 -40mmG	1 1/2 1 9/16 40mm	5 1/8 130.2	4 101.6	33/64 13.10	5/8 15.9	1 1/32 26.2	37/64 15.0	1.58 40.1	1.496 38.00	0.433 11.00	1.06 27.00	1/2	FHS208 -24G FHS208 -25G FHS208 -40mmG	FJ-208-H

1. Units available with "FH" locking collar bearing: Example FHFJ205-16G
2. Bolt hole diameter ('s' dimension) can be drilled to your specifications

Flange Units – Ductile 4 Bolt

FHF4X200-G / HCF4X200 Series Eccentric Locking Collar

- High strength ductile iron
- Solid foot housing design
- Wide inner ring bearing "HC"(requires through panel mounting surface)
- Relubricatable unit (shown)
- Non-relubricatable unit available with FH bearings only (omit "G" from unit part number)
- Standard seal on FHF4X200-G Series: RST tight riding, full cover, metal shroud seals
- Standard seal on HCF4X200 Series: R-Seal



FHF4X200-G

HCF4X200

Optional seals: See page 83

FHF4X200-G

Unit No.	Shaft Diam.	a	e	i	b	d	g	s1	f	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
	Dimensions in mm															
FHF4X208 -24G FHF4X208 -25G FHF4X208 -40mmG	1 1/2 1 9/16 40mm	5 13/16 147.6	4 11/16 119.1	.626 15.90	3 7/8 98.4	2 11/32 59.55	5/8 15.9	17/32 13.5	3.531 89.69	1.91 48.6	1.7205 43.700	0.433 11.00	2.38 60.40	1/2	FH208 -24G FH208 -25G FH208 -40mmG	F4X-208-HT
FHF4X209 -26G FHF4X209 -27G FHF4X209 -28G FHF4X209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	5 7/8 149.2	4 3/4 120.7	.626 15.90	4 7/32 107.2	2 3/8 60.35	5/8 15.9	17/32 13.5	3.781 96.04	1.91 48.6	1.7205 43.700	0.433 11.00	2.50 63.50	1/2	FH209 -26G FH209 -27G FH209 -28G FH209 -45mmG	F4X-209-HT
FHF4X210 -29G FHF4X210 -30G FHF4X210 -31G FHF4X210 -32G FHF4X210 -50mmG	1 13/16 1 7/8 1 15/16 2(s) 50mm	6 1/8 155.6	5 127.0	.626 15.90	4 15/32 113.5	2 1/2 63.5	5/8 15.9	17/32 13.5	3.969 100.81	1.91 48.6	1.7205 43.700	0.433 11.00	2.75 69.90	1/2	FH210 -29G FH210 -30G FH210 -31G FH210 -32G FH210 -50mmG	F4X-210-HT

HCF4X200

Unit No.	Shaft Diam.	a	e	i	b	d	g	s1	f	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
	Dimensions in mm															
HCF4X208 -24 HCF4X208 -25 HCF4X208 -40mm	1 1/2 1 9/16 40mm	5 13/16 147.6	4 11/16 119.1	.626 15.90	3 7/8 98.4	2 11/32 59.55	5/8 15.9	17/32 13.5	3.531 89.69	2.00 50.8	2.2165 56.300	0.843 21.40	2.37 60.30	1/2	HC208 -24 HC208 -25 HC208 -40mm	F4X-208-HT
HCF4X209 -26 HCF4X209 -27 HCF4X209 -28 HCF4X209 -45mm	1 5/8 1 11/16 1 3/4 45mm	5 7/8 149.2	4 3/4 120.7	.626 15.90	4 7/32 107.2	2 3/8 60.35	5/8 15.9	17/32 13.5	3.781 96.04	2.00 50.8	2.2165 56.300	0.843 21.40	2.50 63.50	1/2	HC209 -26 HC209 -27 HC209 -28 HC209 -45mm	F4X-209-HT
HCF4X210 -29 HCF4X210 -30 HCF4X210 -31 HCF4X210 -32 HCF4X210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	6 1/8 155.6	5 127.0	.626 15.90	4 15/32 113.5	2 1/2 63.5	5/8 15.9	17/32 13.5	3.969 100.81	2.13 54.0	2.4685 62.700	0.969 24.60	2.75 69.90	1/2	HC210 -29 HC210 -30 HC210 -31 HC210 -32 HC210 -50mm	F4X-210-HT

1. Units available with "FHS" or "UC" style set screw locking bearing
2. Units available with "GR" Grip-It 360 degree locking style bearing
3. Units available for reverse mounting applications with any insert bearing
Example: HCF4X210-31-REV

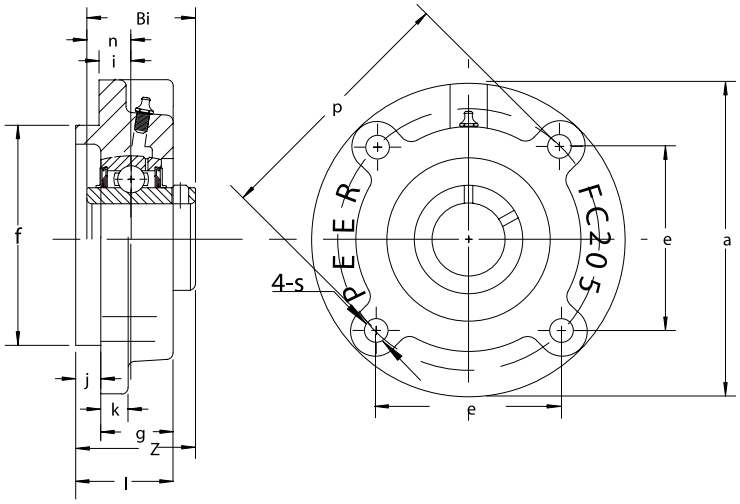
Flange Units – Cartridge 4 Bolt
UCFC200 Series Set Screw Locking

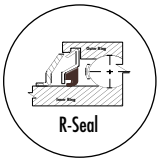
- Standard duty, high-grade cast iron
- Piloted flange offers extra support for heavier loads
- Solid base housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	p	e	i	l	s1	j	K	g	f	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
UCFC204 -12 UCFC204 -13 UCFC204 -20mm	3/4 13/16 20mm	3 15/16 100.0	3 5/64 78.2	2 11/64 55.2	25/64 9.9	31/32 24.6	15/32 11.9	13/64 5.2	9/32 7.1	11/16 19.4	2.441 62.00	1.11 28.2	1.2205 31.000	0.500 12.70	3/8	UC204 -12 UC204 -13 UC204 -20mm	FC-204-H
UCFC205 -13 UCFC205 -14 UCFC205 -15 UCFC205 -16 UCFC205 -25mm	13/16 7/8 15/16 1 25mm	4 17/32 115.1	3 35/64 90.1	2 1/2 63.5	25/64 9.9	1 1/32 26.3	15/32 11.9	15/64 5.9	9/32 7.1	13/16 20.4	2.756 70.00	1.17 29.6	1.3386 34.000	0.563 14.30	3/8	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	FC-205-H
UCFC206 -17 UCFC206 -18 UCFC206 -19 UCFC206 -20 UCFC206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 9/32 124.6	3 15/16 100.0	2 25/32 70.6	25/64 9.9	1 5/64 27.3	15/32 11.9	5/16 7.9	5/16 7.9	49/64 19.4	3.150 80.00	1.26 32.1	1.5000 38.100	0.626 15.90	3/8	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	FC-206-H
UCFC207 -20 UCFC207 -21 UCFC207 -22 UCFC207 -23 UCFC207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	5 5/16 134.9	4 21/64 109.9	3 1/16 77.8	7/16 11.1	1 3/16 30.0	35/64 13.9	5/16 7.9	11/32 8.7	7/8 22.1	3.543 90.00	1.44 36.5	1.6890 42.900	0.689 17.50	7/16	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	FC-207-H
UCFC208 -24 UCFC208 -25 UCFC208 -40mm	1 1/2 1 9/16 40mm	5 23/32 145.3	4 23/32 119.9	3 11/32 84.9	7/16 11.1	1 13/32 35.7	35/64 13.9	25/64 9.9	11/32 8.7	1 1/64 25.8	3.937 100.00	1.63 41.3	1.9370 49.200	0.748 19.00	7/16	UC208 -24 UC208 -25 UC208 -40mm	FC-208-H
UCFC209 -26 UCFC209 -27 UCFC209 -28 UCFC209 -45mm	1 5/8 1 11/16 1 3/4 45mm	6 5/16 160.3	5 13/64 132.2	3 43/64 93.3	25/64 9.9	1 31/64 37.6	5/8 15.9	15/32 11.9	9/16 14.3	1 1/64 25.7	4.139 105.00	1.58 40.1	1.9370 49.200	0.748 19.00	1/2	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	FC-209-H
UCFC210 -29 UCFC210 -30 UCFC210 -31 UCFC210 -32 UCFC210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	6 1/2 165.1	5 7/16 138.1	3 27/32 97.6	25/64 9.9	1 33/64 38.8	5/8 15.9	15/32 11.9	9/16 14.3	1 3/64 26.9	4.331 110.00	1.67 42.5	2.0315 51.600	0.748 19.00	1/2	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	FC-210-H



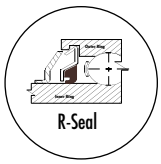


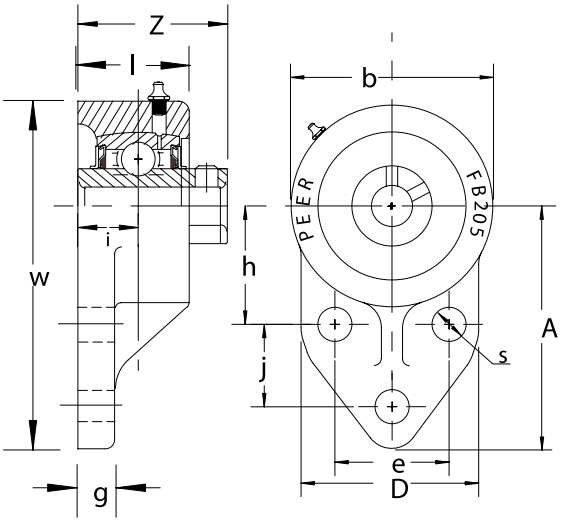
Dimensions in / mm

Unit No.	Shaft Diam.	a	p	e	i	l	s1	j	K	g	f	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
UCFC211 -32 UCFC211 -33 UCFC211 -34 UCFC211 -35 UCFC211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	7 9/32 184.9	5 29/32 150.0	4 11/64 105.9	33/64 13.1	1 11/16 43.0	3/4 19.1	15/32 11.9	19/32 15.1	1 7/32 31.1	4.922 125.00	1.83 46.5	2.1890 55.600	0.874 22.20	5/8	UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	FC-211-H
UCFC212 -36 UCFC212 -37 UCFC212 -38 UCFC212 -39 UCFC212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	7 11/16 195.3	6 19/64 159.9	4 29/64 113.1	43/64 17.1	1 7/8 47.6	3/4 19.1	15/32 11.9	19/32 15.1	1 13/32 35.7	5.315 135.00	2.24 56.8	2.5630 65.100	1.000 25.40	5/8	UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	FC-212-H
UCFC213 -40 UCFC213 -41 UCFC213 -65mm	2 1/2 2 9/16 65mm	8 1/16 204.8	6 11/16 169.9	4 47/64 120.3	5/8 15.9	1 31/32 50.0	3/4 19.1	35/64 13.9	19/32 15.1	1 27/64 36.1	5.709 145.00	2.19 55.6	2.5630 65.100	1.000 25.40	5/8	UC213 -40 UC213 -41 UC213 -65mm	FC-213-H
UCFC214 -42 UCFC214 -43 UCFC214 -44 UCFC214 -70mm	2 5/8 2 11/16 2 3/4 70mm	8 15/32 215.1	6 31/32 177.0	4 59/64 125.0	43/64 17.1	2 1/8 53.9	3/4 19.1	35/64 13.9	23/32 18.3	1 37/64 40.0	5.906 150.00	2.42 61.5	2.9370 74.600	1.189 30.20	5/8	UC214 -42 UC214 -43 UC214 -44 UC214 -70mm	FC-214-H
UCFC215 -45 UCFC215 -46 UCFC215 -47 UCFC215 -48 UCFC215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	8 55/64 225.0	7 1/4 184.2	5 1/8 130.6	45/64 17.9	2 13/64 55.9	3/4 19.1	5/8 15.9	45/64 17.9	1 37/64 40.0	6.297 160.00	2.46 62.4	3.0630 77.800	1.311 33.30	5/8	UC215 -45 UC215 -46 UC215 -47 UC215 -48 UC215 -75mm	FC-215-H
UCFC216 -50 UCFC216 -80mm	3 1/8 80mm	9 7/16 239.7	7 7/8 200.0	5 9/16 141.3	45/64 17.9	2 9/32 57.9	29/32 23.0	5/8 15.9	23/32 18.3	1 21/32 42.0	6.693 170.00	2.65 67.2	3.2520 82.600	1.311 33.30	3/4	UC216 -50 UC216 -80mm	FC-216-H
UCFC217 -52 UCFC217 -55 UCFC217 -85mm	3 1/4 3 7/16 85mm	9 27/32 250.0	8 3/16 207.9	5 51/64 147.2	45/64 17.9	2 15/32 62.7	29/32 23.0	45/64 17.9	23/32 18.3	1 49/64 44.8	7.087 180.00	2.74 69.5	3.3740 85.700	1.343 34.10	3/4	UC217 -52 UC217 -55 UC217 -85mm	FC-217-H
UCFC218 -56 UCFC218 -90mm	3 1/2 90mm	10 7/16 265.1	8 21/32 219.9	6 1/8 155.6	55/64 21.8	2 11/16 68.3	29/32 23.0	45/64 17.9	25/32 19.8	1 63/64 50.4	7.480 190.00	3.07 78.1	3.7795 96.000	1.563 39.70	3/4	UC218 -56 UC218 -90mm	FC-218-H

1. Bolt hole diameter ('s' dimension) can be drilled to your specifications
2. Medium duty available using UCX00 insert bearing: Example: UCFCX05-16
3. FC series can also be combined with the following inserts: HC, FH, FHS and GR series bearings

Flange Units – Flange Bracket 3 Bolt
UCFB200 Series Set Screw Locking





- Standard duty, high-grade cast iron
- Solid base housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

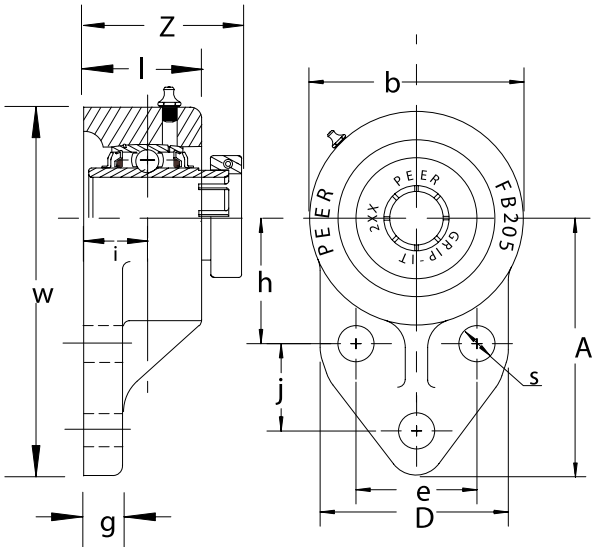
Unit No.	Shaft Diam.	w	A	b	D	i	l	s	g	h	j	e	z	Bolt Size In.	Bearing No.	Housing No.
UCFB201 -8 UCFB201 -12mm UCFB202 -9 UCFB202 -10 UCFB202 -15mm UCFB203 -11 UCFB203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 1/4 108.0	3 76.2	2 1/2 63.5	2 3/8 60.3	5/8 15.9	1 25.4	25/64 9.9	5/16 8.0	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.35 34.2	5/16	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	FB-204-HA
UCFB204 -12 UCFB204 -13 UCFB204 -20mm	3/4 13/16 20mm	4 1/4 108.0	3 76.2	2 1/2 63.5	2 3/8 60.3	5/8 15.9	1 25.4	25/64 9.9	5/16 8.0	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.35 34.2	5/16	UC204 -12 UC204 -13 UC204 -20mm	FB-204-HA
UCFB205 -13 UCFB205 -14 UCFB205 -15 UCFB205 -16 UCFB205 -25mm	13/16 7/8 15/16 1 25mm	4 3/4 120.7	3 3/8 85.7	2 3/4 69.9	2 1/2 63.5	21/32 16.7	1 5/64 27.2	25/64 9.9	3/8 9.5	1 13/16 46.0	1 1/8 28.6	1 5/8 41.3	1.43 36.4	5/16	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	FB-205-HA
UCFB206 -17 UCFB206 -18 UCFB206 -19 UCFB206 -20 UCFB206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 3/8 136.5	3 3/4 95.3	3 1/4 82.6	2 3/4 69.9	47/64 18.7	1 7/64 28.2	25/64 9.9	3/8 9.5	2 1/16 52.4	1 1/4 31.8	1 7/8 47.6	1.61 40.9	5/16	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	FB-206-HA
UCFB207 -20 UCFB207 -21 UCFB207 -22 UCFB207 -23 UCFB207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 1/8 155.6	4 1/4 108.0	3 3/4 95.3	3 1/4 82.6	53/64 21.0	1 1/4 32.0	33/64 13.1	1/2 12.7	2 3/8 60.3	1 1/4 31.8	2 50.8	1.83 46.4	7/16	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	FB-207-HA
UCFB208 -24 UCFB208 -25 UCFB208 -40mm	1 1/2 1 9/16 40mm	6 15/32 164.3	4 1/2 114.3	3 15/16 100.0	3 1/16 77.8	53/64 21.0	1 13/32 35.7	15/32 11.9	5/8 15.9	2 3/8 60.3	1 5/8 41.3	1 31/32 50.0	2.02 51.2	3/8	UC208 -24 UC208 -25 UC208 -40mm	FB-208-HA
UCFB209 -26 UCFB209 -27 UCFB209 -28 UCFB209 -45mm	1 5/8 1 11/16 1 3/4 45mm	6 27/32 173.9	4 3/4 120.7	4 3/16 106.4	3 5/32 80.2	53/64 21.0	1 1/2 38.0	15/32 11.9	23/32 18.3	2 9/16 65.1	1 11/16 42.9	2 1/8 54.0	2.02 51.2	3/8	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	FB-209-HA
UCFB210 -29 UCFB210 -30 UCFB210 -31 UCFB210 -32 UCFB210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	7 1/2 190.5	5 3/16 131.8	4 5/8 117.5	4 101.6	53/64 21.0	1 1/2 38.0	33/64 13.1	1/2 12.7	2 15/16 74.6	1 5/8 41.3	2 3/4 69.9	2.11 53.6	7/16	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	FB-210-HA

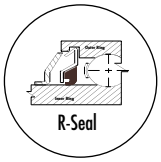
1. Bolt hole diameter ('s' dimension) can be drilled to your specifications
2. Available with optional bolt hole pattern (UCFBF204-12)
3. FB series can also be combined with the following inserts: HC, FH, FHS and GR series bearings

Flange Units – Flange Bracket 3 Bolt
GRFB200 Series GRIP-IT 360 Degree Locking

- Standard duty, high-grade cast iron
- Solid base housing design
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Black Oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83



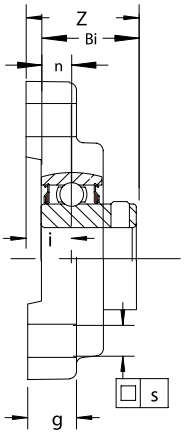


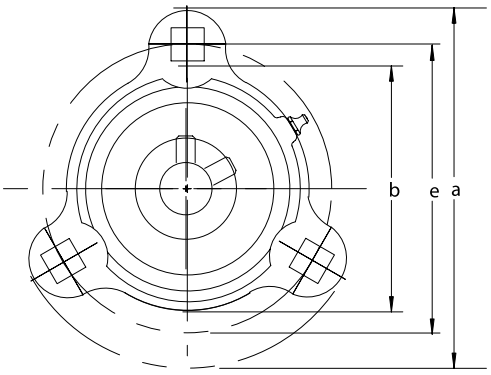
Dimensions in / mm

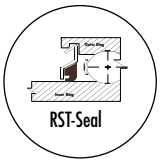
Unit No.	Shaft Diam.	w	A	b	D	i	l	s	g	h	j	e	Z	Bolt Size In.	Bearing No.	Housing No.
GRFB204 -12 GRFB204 -13 GRFB204 -20mm	3/4 13/16 20mm	4 1/4 108.0	3 76.2	2 1/2 63.5	2 3/8 60.3	5/8 15.9	1 25.4	25/64 9.9	5/16 8.0	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.50 38.1	5/16	GR204 -12 GR204 -13 GR204 -20mm	FB-204-HA
GRFB205 -13 GRFB205 -14 GRFB205 -15 GRFB205 -16 GRFB205 -25mm	13/16 7/8 15/16 1 25mm	4 3/4 120.7	3 3/8 85.7	2 3/4 69.9	2 1/2 63.5	21/32 16.7	1 5/64 27.2	25/64 9.9	3/8 9.5	1 13/16 46.0	1 1/8 28.6	1 5/8 41.3	1.61 40.8	5/16	GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	FB-205-HA
GRFB206 -17 GRFB206 -18 GRFB206 -19 GRFB206 -20 GRFB206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 3/8 136.5	3 3/4 95.3	3 1/4 82.6	2 3/4 69.9	47/64 18.7	1 7/64 28.2	25/64 9.9	3/8 9.5	2 1/16 52.4	1 1/4 31.8	1 7/8 47.6	1.76 44.7	5/16	GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	FB-206-HA
GRFB207 -20 GRFB207 -21 GRFB207 -22 GRFB207 -23 GRFB207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 1/8 155.6	4 1/4 108.0	3 3/4 95.3	3 1/4 82.6	53/64 21.0	1 1/4 32.0	33/64 13.1	1/2 12.7	2 3/8 60.3	1 1/4 31.8	2 50.8	2.01 51.0	7/16	GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	FB-207-HA
GRFB208 -24 GRFB208 -25 GRFB208 -40mm	1 1/2 1 9/16 40mm	6 15/32 164.3	4 1/2 114.3	3 15/16 100.0	3 1/16 77.8	53/64 21.0	1 13/32 35.7	15/32 11.9	5/8 15.9	2 3/8 60.3	1 5/8 41.3	1 31/32 50.0	2.19 55.7	3/8	GR208 -24 GR208 -25 GR208 -40mm	FB-208-HA
GRFB209 -26 GRFB209 -27 GRFB209 -28 GRFB209 -45mm	1 5/8 1 11/16 1 3/4 45mm	6 27/32 173.9	4 3/4 120.7	4 3/16 106.4	3 5/32 80.2	53/64 21.0	1 1/2 38.0	15/32 11.9	23/32 18.3	2 9/16 65.1	1 11/16 42.9	2 1/8 54.0	2.20 55.9	3/8	GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	FB-209-HA
GRFB210 -29 GRFB210 -30 GRFB210 -31 GRFB210 -32 GRFB210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	7 1/2 190.5	5 3/16 131.8	4 5/8 117.5	4 101.6	53/64 21.0	1 1/2 38.0	33/64 13.1	1/2 12.7	2 15/16 74.6	1 5/8 41.3	2 3/4 69.9	2.35 59.6	7/16	GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	FB-210-HA

1. Bolt hole diameter ('s' dimension) can be drilled to your specifications
2. Available with optional bolt hole pattern (GRFBF204-12)
3. FB series can also be combined with the following inserts: HC, FH, FHS and UC series bearings

Flange Units – Ductile 3 Bolt
FHSF3X200-G Series Set Screw Locking







- Standard duty, high strength ductile iron
- Solid foot housing design
- Narrow inner ring bearing
- Relubricatable unit (Shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

Dimensions in / mm

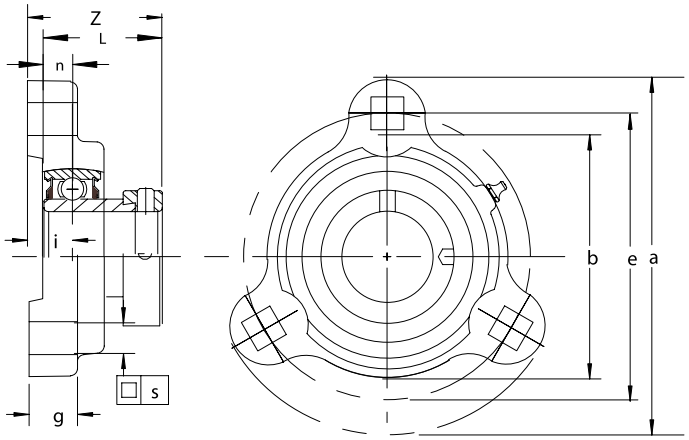
Unit No.	Shaft Diam.	a	e	i	b	d	g	s	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
FHSF3X201 -8G	1/2	3 3/16	2 1/2	.318	2 3/32	1 19/32	13/32	9/32	0.99	0.8858	0.256	1/4	FHS201 -8G	F3X-203-H
FHSF3X201 -12mmG	12mm	80.9	63.5	9.10	53.2	40.5	10.3	7.1	25.1	22.500	6.50		FHS201 -12mmG	
FHSF3X202 -9G	9/16												FHS202 -9G	
FHSF3X202 -10G	5/8												FHS202 -10G	
FHSF3X202 -15mmG	15mm												FHS202 -15mmG	
FHSF3X203 -11G	11/16												FHS203 -11G	
FHSF3X203 -17mmG	17mm												FHS203 -17mmG	
FHSF3X204 -12G	3/4	3 9/16	2 13/16	.437	2 13/64	1 25/32	7/16	11/32	1.13	0.9843	0.295	5/16	FHS204 -12G	F3X-204-H
FHSF3X204 -13G	13/16	90.5	71.4	11.10	55.9	45.2	11.1	8.7	28.6	25.000	7.50		FHS204 -13G	
FHSF3X204 -20mmG	20mm												FHS204 -20mmG	
FHSF3X205 -12G	3/4	3 3/4	3	.437	2 13/16	1 7/8	1/2	11/32	1.20	1.0630	0.295	5/16	FHS205 -12G	F3X-205-H
FHSF3X205 -13G	13/16	95.3	76.2	11.10	71.4	47.6	12.7	8.7	30.6	27.000	7.50		FHS205 -13G	
FHSF3X205 -14G	7/8												FHS205 -14G	
FHSF3X205 -15G	15/16												FHS205 -15G	
FHSF3X205 -16G	1												FHS205 -16G	
FHSF3X205 -25mmG	25mm												FHS205 -25mmG	
FHSF3X206 -17G	1 1/16	4 9/16	3 9/16	.437	3	2 9/32	19/32	13/32	1.26	1.1811	0.354	3/8	FHS206 -17G	F3X-206-H
FHSF3X206 -18G	1 1/8	115.9	90.5	11.10	76.2	57.9	15.1	10.3	32.1	30.000	9.00		FHS206 -18G	
FHSF3X206 -19G	1 3/16												FHS206 -19G	
FHSF3X206 -20G	1 1/4(s)												FHS206 -20G	
FHSF3X206 -30mmG	30mm												FHS206 -30mmG	
FHSF3X207 -20G	1 1/4	4 13/16	3 15/16	.500	3 15/32	2 13/32	19/32	13/32	1.39	1.2598	0.374	3/8	FHS207 -20G	F3X-207-H
FHSF3X207 -21G	1 5/16	122.2	100.0	12.70	88.1	61.1	15.1	10.3	35.2	32.000	9.50		FHS207 -21G	
FHSF3X207 -22G	1 3/8												FHS207 -22G	
FHSF3X207 -23G	1 7/16												FHS207 -23G	
FHSF3X207 -35mmG	35mm												FHS207 -35mmG	

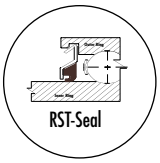
For reverse mounting, add suffix "REV" after unit number:
Example: FHSF3X205-16G-REV

Flange Units – Ductile 3 Bolt
FHF3X200-G Series Eccentric Locking Collar

- Standard duty, high strength ductile iron
- Solid foot housing design
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83



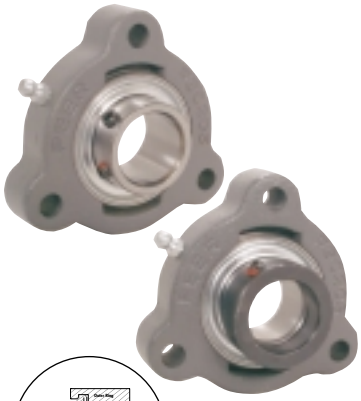


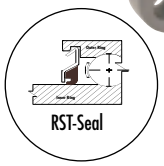
Standard Mounted Units

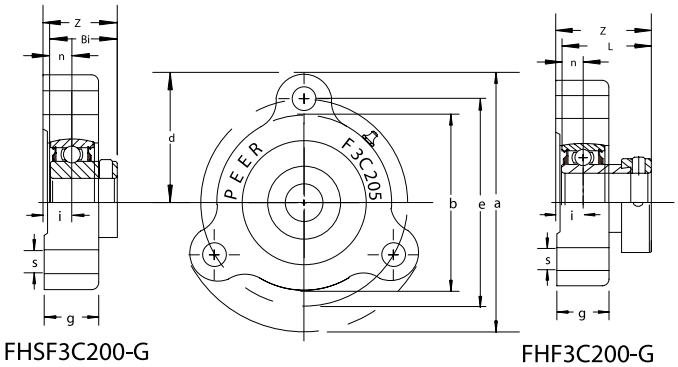
Dimensions in mm														
Unit No.	**Shaft Diam.**	**a**	**e**	**i**	**b**	**d**	**g**	**s**	**Z**	**L**	**n**	**Bolt Size In.**	**Bearing No.**	**Housing No.**
FHF3X201 -8G **FHF3X201 -12mmG** **FHF3X202 -9G** **FHF3X202 -10G** **FHF3X202 -15mmG** **FHF3X203 -11G** **FHF3X203 -17mmG**	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 80.9	2 1/2 63.5	.318 9.10	2 3/32 53.2	1 19/32 40.5	13/32 10.3	9/32 7.1	1.23 31.2	1.1260 28.600	0.256 6.50	1/4	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	F3X-203-H
FHF3X204 -12G **FHF3X204 -20mmG**	3/4 20mm	3 9/16 90.5	2 13/16 71.4	.437 11.10	2 13/64 55.9	1 25/32 45.2	7/16 11.1	11/32 8.7	1.36 34.6	1.2205 31.000	0.295 7.50	5/16	FH204 -12G FH204 -20mmG	F3X-204-H
FHF3X205 -13G **FHF3X205 -14G** **FHF3X205 -15G** **FHF3X205 -16G** **FHF3X205 -25mmG**	13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	.437 11.10	2 13/16 71.4	1 7/8 47.6	1/2 12.7	11/32 8.7	1.36 34.6	1.2205 31.000	0.295 7.50	5/16	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	F3X-205-H
FHF3X206 -17G **FHF3X206 -18G** **FHF3X206 -19G** **FHF3X206 -20G** **FHF3X206 -30mmG**	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 9/16 115.9	3 9/16 90.5	.437 11.10	3 76.2	2 9/32 57.9	19/32 15.1	13/32 10.3	1.49 37.8	1.4055 35.700	0.354 9.00	3/8	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	F3X-206-H
FHF3X207 -20G **FHF3X207 -21G** **FHF3X207 -22G** **FHF3X207 -23G** **FHF3X207 -35mmG**	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122.2	3 15/16 100.0	.500 12.70	3 15/32 88.1	2 13/32 61.1	19/32 15.1	13/32 10.3	1.66 42.1	1.5315 38.900	0.374 9.50	3/8	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	F3X-207-H

For reverse mounting, add suffix "REV" after unit number:
Example: FHF3X205-16G-REV

Flange Units – Round Hole 3 Bolt
FHSF3C200-G / FHF3C200-G Series







FHSF3C200-G

FHF3C200-G

- Standard duty, high-grade cast iron
- Solid Foot housing design
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

FHSF3C200-G Set Screw Locking

Unit No.	Shaft Diam.	a	e	i	b	d	g	s	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm												
FHSF3C204 -12G FHSF3C204 -13G FHSF3C204 -20mmG	3/4 13/16 20mm	3 9/16 90.5	2 13/16 71.4	.344 8.73	1 25/32 66.7	1 25/32 45.2	11/16 17.5	11/32 8.7	1.03 26.2	0.9843 25.000	0.295 7.50	5/16	FHS204 -12-GO FHS204 -13-GO FHS204 -20mm-GO	F3C-204-H
FHSF3C205 -12G FHSF3C205 -13G FHSF3C205 -14G FHSF3C205 -15G FHSF3C205 -16G FHSF3C205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	.373 9.47	2 51/64 71.0	1 7/8 47.6	11/16 17.5	11/32 8.7	1.14 29.0	1.0630 27.000	0.295 7.50	5/16	FHS205 -12-GO FHS205 -13-GO FHS205 -14-GO FHS205 -15-GO FHS205 -16-GO FHS205 -25mm-GO	F3C-205-H
FHSF3C206 -17G FHSF3C206 -18G FHSF3C206 -19G FHSF3C206 -20G FHSF3C206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	.462 11.73	3 5/16 84.1	2 7/32 56.4	13/16 20.6	13/32 10.3	1.29 32.7	1.1811 30.000	0.354 9.00	3/8	FHS206 -17-GO FHS206 -18-GO FHS206 -19-GO FHS206 -20-GO FHS206 -30mm-GO	F3C-206-H
FHSF3C207 -20G FHSF3C207 -21G FHSF3C207 -22G FHSF3C207 -23G FHSF3C207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 15/16 125.4	3 15/16 100.0	.497 12.62	3 11/16 93.7	2 15/32 62.7	7/8 22.2	13/32 10.3	1.38 35.1	1.2598 32.000	0.374 9.50	3/8	FHS207 -20-GO FHS207 -21-GO FHS207 -22-GO FHS207 -23-GO FHS207 -35mm-GO	F3C-207-H

FHF3C200-G Eccentric Collar Locking

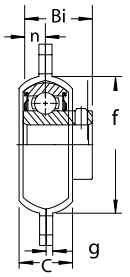
Unit No.	Shaft Diam.	a	e	i	b	d	g	s	Z	L	n	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm												
FHF3C204 -12G FHF3C204 -20mmG	3/4 20mm	3 9/16 90.5	2 13/16 71.4	.344 8.73	1 25/32 66.7	1 25/32 45.2	11/16 17.5	11/32 8.7	1.27 32.2	1.2205 31.000	0.295 7.50	5/16	FH204 -12-GO FH204 -20mm-GO	F3C-204-H
FHF3C205 -13G FHF3C205 -14G FHF3C205 -15G FHF3C205 -16G FHF3C205 -25mmG	13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	.373 9.47	2 51/64 71.0	1 7/8 47.6	11/16 17.5	11/32 8.7	1.30 33.0	1.2205 31.000	0.295 7.50	5/16	FH205 -13-GO FH205 -14-GO FH205 -15-GO FH205 -16-GO FH205 -25mm-GO	F3C-205-H
FHF3C206 -17G FHF3C206 -18G FHF3C206 -19G FHF3C206 -20G FHF3C206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	.462 11.73	3 5/16 84.1	2 7/32 56.4	13/16 20.6	13/32 10.3	1.51 38.4	1.4055 35.700	0.354 9.00	3/8	FH206 -17-GO FH206 -18-GO FH206 -19-GO FH206 -20-GO FH206 -30mm-GO	F3C-206-H
FHF3C207 -20G FHF3C207 -21G FHF3C207 -22G FHF3C207 -23G FHF3C207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 15/16 125.4	3 15/16 100.0	.497 12.62	3 11/16 93.7	2 15/32 62.7	7/8 22.2	13/32 10.3	1.65 42.0	1.5315 38.900	0.374 9.50	3/8	FH207 -20-GO FH207 -21-GO FH207 -22-GO FH207 -23-GO FH207 -35mm-GO	F3C-207-H

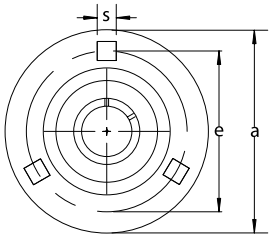
Bolt hole diameter ('s' dimension) can be drilled to your specifications

Flange Units – Pressed Steel 3 Bolt & 4 Bolt

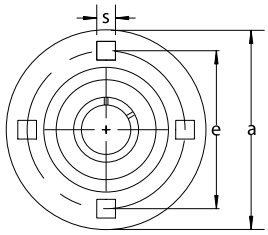
FHSPFZ200 / FHSPFFZ200 Series Set Screw Locking

- Two light duty, self-aligning pressed steel housings
- Narrow inner ring bearing
- Zinc plated stamped steel (shown)
- Non-plated, raw stamped steel available (FHSPFR/FHSPFFR Series)
- Non-relubricatable unit (shown)
- Relubricatable unit available (Add "G" suffix to end of part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

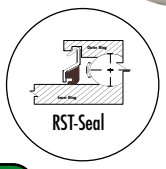




FHSPFZ200



FHSPFFZ200



Optional seals: See page 83

FHSPFZ200 3-Bolt

Unit No.	Shaft Diam.	a	e	g	c	s	f	Bi	n	Bolt Size In.	Bearing No.	Housing No.
						Dimensions in / mm						
FHSPFZ201 -8 FHSPFZ201 -12mm FHSPFZ202 -9 FHSPFZ202 -10 FHSPFZ202 -15mm FHSPFZ203 -11 FHSPFZ203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81	2 1/2 64	.074 1.9	9/16 14	9/32 7	1 15/16 49	0.8858 22.500	0.256 6.50	1/4	FHS201 -8 FHS201 -12mm FHS202 -9 FHS202 -10 FHS202 -15mm FHS203 -11 FHS203 -17mm	PF-3Z
FHSPFZ204 -12 FHSPFZ204 -13 FHSPFZ204 -20mm	3/4 13/16 20mm	3 9/16 90	2 13/16 71	.083 2.1	5/8 16	11/32 9	2 3/16 56	0.9843 25.000	0.295 7.50	5/16	FHS204 -12 FHS204 -13 FHS204 -20mm	PF-4Z
FHSPFZ205 -12 FHSPFZ205 -13 FHSPFZ205 -14 FHSPFZ205 -15 FHSPFZ205 -16 FHSPFZ205 -25mm	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95	3 76	.083 2.1	11/16 17	11/32 9	2 3/8 66	1.0630 27.000	0.295 7.50	5/16	FHS205 -12 FHS205 -13 FHS205 -14 FHS205 -15 FHS205 -16 FHS205 -25mm	PF-5Z
FHSPFZ206 -17 FHSPFZ206 -18 FHSPFZ206 -19 FHSPFZ206 -20 FHSPFZ206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 113	3 9/16 90	.104 2.6	11/16 17	13/32 10	2 13/16 71	1.1811 30.000	0.354 9.00	3/8	FHS206 -17 FHS206 -18 FHS206 -19 FHS206 -20 FHS206 -30mm	PF-6Z
FHSPFZ207 -20 FHSPFZ207 -21 FHSPFZ207 -22 FHSPFZ207 -23 FHSPFZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122	3 15/16 100	.104 2.6	3/4 19	13/32 10	3 3/16 81	1.2598 32.000	0.374 9.50	3/8	FHS207 -20 FHS207 -21 FHS207 -22 FHS207 -23 FHS207 -35mm	PF-7Z

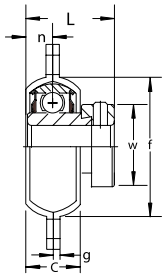
FHSPFFZ200 4-Bolt

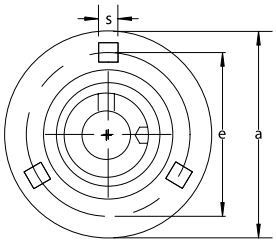
FHSPFFZ207 -20 FHSPFFZ207 -21 FHSPFFZ207 -22 FHSPFFZ207 -23 FHSPFFZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122.3	3 15/16 100	.104 2.6	3/4 20.2	13/32 10.4	3 3/16 81	1.2598 32.000	0.37 9.50	3/8	FHS207 -20 FHS207 -21 FHS207 -22 FHS207 -23 FHS207 -35mm	PFF-7Z
FHSPFFZ208 -24 FHSPFFZ208 -25 FHSPFFZ208 -40mm	1 1/2 1 9/16 40mm	5 13/16 148	4 11/16 119	.134 3.3	13/16 20.2	17/32 13.5	3 9/16 90	1.4961 38.000	0.43 11.00	1/2	FHS208 -24 FHS208 -25 FHS208 -40mm	PFF-8Z
FHSPFFZ209 -26 FHSPFFZ209 -27 FHSPFFZ209 -28 FHSPFFZ209 -45mm	1 5/8 1 11/16 1 3/4 45mm	5 7/8 149	4 3/4 121	.134 3.4	7/8 22	17/32 13	3 13/16 90	1.5551 39.500	0.43 11.00	1/2	FHS209 -26 FHS209 -27 FHS209 -28 FHS209 -45mm	PFF-9Z
FHSPFFZ210 -29 FHSPFFZ210 -30 FHSPFFZ210 -31 FHSPFFZ210 -32 FHSPFFZ210 -50mm	1 13/16 1 7/8 1 15/16 2 50mm	6 1/8 156	5 127	.149 3.8	7/8 22	17/32 13	4 102	1.7165 43.600	0.43 11.00	1/2	FHS210 -29 FHS210 -30 FHS210 -31 FHS210 -32 FHS210 -50mm	PFF-10Z
FHSPFFZ211 -32 FHSPFFZ211 -33 FHSPFFZ211 -34 FHSPFFZ211 -35 FHSPFFZ211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	6 9/16 167	5 7/16 138	.149 3.8	15/16 24	17/32 13	4 7/16 113	2.7559 70.000	0.49 12.50	1/2	FHS211 -32 FHS211 -33 FHS211 -34 FHS211 -35 FHS211 -55mm	PFF-11Z

Stamped housings can be made in AISI 304 stainless steel. Combine with stainless steel bearing for maximum corrosion resistance: Example: SSFHSPF205-16

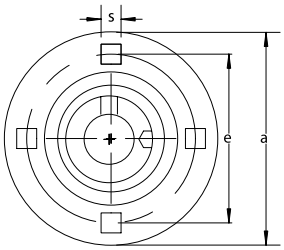
Flange Units – Pressed Steel 3 Bolt & 4 Bolt

FHPFZ200 / FHPFFZ200 Series Eccentric Locking Collar

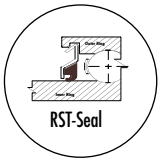




FHPFZ200



FHPFFZ200



- Two light duty, self-aligning pressed steel housings
- Narrow inner ring bearing
- Zinc plated stamped steel (shown)
- Non-plated, raw stamped steel available (FHPFR/FHPFFR Series)
- Non-relubricatable unit (shown)
- Relubricatable unit available (Add "G" suffix to end of part number)
- Standard Seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

FHPFZ200 3-Bolt

Unit No.	Shaft Diam.	a	e	g	c	s	f	L	n	W	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm											
FHPFZ201 -8 FHPFZ201 -12mm FHPFZ202 -9 FHPFZ202 -10 FHPFZ202 -15mm FHPFZ203 -11 FHPFZ203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81	2 1/2 64	.074 1.9	9/16 14	9/32 7	1 15/16 49	1.1260 28.600	0.256 6.50	1.13 28.60	1/4	FH201 -8 FH201 -12mm FH202 -9 FH202 -10 FH202 -15mm FH203 -11 FH203 -17mm	PF-3Z
FHPFZ204 -12 FHPFZ204 -20mm	3/4 20mm	3 9/16 90	2 13/16 71	.083 2.1	5/8 16	11/32 9	2 3/16 56	1.2205 31.000	0.295 7.50	1.26 32.00	5/16	FH204 -12 FH204 -20mm	PF-4Z
FHPFZ205 -13 FHPFZ205 -14 FHPFZ205 -15 FHPFZ205 -16 FHPFZ205 -25mm	13/16 7/8 15/16 1 25mm	3 3/4 95	3 76	.083 2.1	11/16 17	11/32 9	2 3/8 66	1.2205 31.000	0.295 7.50	1.50 38.10	5/16	FH205 -13 FH205 -14 FH205 -15 FH205 -16 FH205 -25mm	PF-5Z
FHPFZ206 -17 FHPFZ206 -18 FHPFZ206 -19 FHPFZ206 -20 FHPFZ206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 113	3 9/16 90	.104 2.6	11/16 17	13/32 10	2 13/16 71	1.4055 35.700	0.354 9.00	1.75 44.50	3/8	FH206 -17 FH206 -18 FH206 -19 FH206 -20 FH206 -30mm	PF-6Z
FHPFZ207 -20 FHPFZ207 -21 FHPFZ207 -22 FHPFZ207 -23 FHPFZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122	3 15/16 100	.104 2.6	3/4 19	13/32 10	3 3/16 81	1.5315 38.900	0.374 9.50	2.19 55.60	3/8	FH207 -20 FH207 -21 FH207 -22 FH207 -23 FH207 -35mm	PF-7Z

FHPFFZ200 4-Bolt

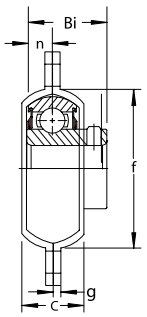
FHPFFZ207-20 FHPFFZ207-21 FHPFFZ207-22 FHPFFZ207-23 FHPFFZ207-35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122.3	3 15/16 100	.104 2.6	3/4 20.2	13/32 10.4	3 3/16 81	1.5315 38.900	0.37 9.50	2.19 55.60	3/8	FH207 -20 FH207 -21 FH207 -22 FH207 -23 FH207 -35mm	PFF-7Z
FHPFFZ208-24 FHPFFZ208-25 FHPFFZ208-40mm	1 1/2 1 9/16 40mm	5 13/16 148	4 11/16 119	.134 3.3	13/16 20.2	17/32 13.5	3 9/16 90	1.7205 43.700	0.43 11.00	2.38 60.40	1/2	FH208 -24 FH208 -25 FH208 -40mm	PFF-8Z
FHPFFZ209-26 FHPFFZ209-27 FHPFFZ209-28 FHPFFZ209-45mm	1 5/8 1 11/16 1 3/4 45mm	5 7/8 149	4 3/4 121	.134 3.4	7/8 22	17/32 13	3 13/16 90	1.7205 43.700	0.43 11.00	2.50 63.50	1/2	FH209 -26 FH209 -27 FH209 -28 FH209 -45mm	PFF-9Z
FHPFFZ210-29 FHPFFZ210-30 FHPFFZ210-31 FHPFFZ210-32 FHPFFZ210-50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	6 1/8 156	5 127	.149 3.8	7/8 22	17/32 13	4 102	1.7205 43.700	0.43 11.00	2.75 69.90	1/2	FH210 -29 FH210 -30 FH210 -31 FH210 -32 FH210 -50mm	PFF-10Z
FHPFFZ211-32 FHPFFZ211-33 FHPFFZ211-34 FHPFFZ211-35 FHPFFZ211-55mm	2 2 1/16 2 1/8 2 3/16 55mm	6 9/16 167	5 7/16 138	.149 3.8	15/16 24	17/32 13	4 7/16 113	1.9055 48.400	0.49 12.50	3.00 76.20	1/2	FH211 -32 FH211 -33 FH211 -34 FH211 -35 FH211 -55mm	PFF-11Z

Stamped housings could be made in AISI 304 stainless steel. Combine with stainless steel bearing for maximum corrosion resistance: Example: SSFHPF205-16

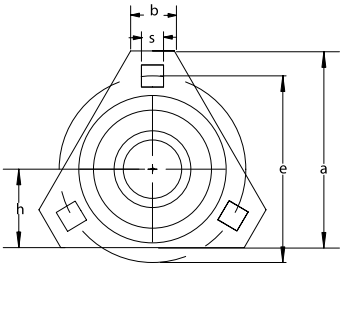
Flange Units – Pressed Steel 3 Bolt Triangle
FHSPFTZ200 / FHPFTZ200 Series

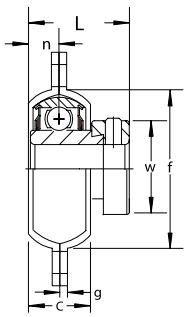
- Two light duty, self-aligning pressed steel housings
- Narrow inner ring bearing
- Zinc plated stamped steel (shown)
- Non-plated, raw stamped steel available (FHSPFTR/FHPFTR Series)
- Non-relubricatable unit (shown)
- Standard Seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

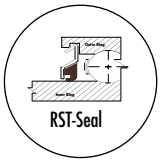


FHSPFTZ200





FHPFTZ200



FHSPFTZ200 Set Screw Locking

Unit No.	Shaft Diam.	a	e	h	s	c	g	b	f	Bi	n	Bolt Size In.	Bearing No.	Housing No.
FHSPFTZ201 -8 FHSPFTZ201 -12mm FHSPFTZ202 -9 FHSPFTZ202 -10 FHSPFTZ202 -15mm FHSPFTZ203 -11 FHSPFTZ203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	2 23/32 69	2 1/2 64	1 1/8 29	9/32 7	9/16 14	.074 1.9	13/16 21	1 15/16 49	0.8858 22.500	0.256 6.50	1/4	FHS201 -8 FHS201 -12mm FHS202 -9 FHS202 -10 FHS202 -15mm FHS203 -11 FHS203 -17mm	PFT-3Z
FHSPFTZ204 -12 FHSPFTZ204 -13 FHSPFTZ204 -20mm	3/4 13/16 20mm	3 76	2 13/16 71	1 5/16 33	11/32 9	5/8 16	.083 2.1	1 1/16 27	2 3/16 56	0.9843 25.000	0.295 7.50	5/16	FHS204 -12 FHS204 -13 FHS204 -20mm	PFT-4Z
FHSPFTZ205 -12 FHSPFTZ205 -13 FHSPFTZ205 -14 FHSPFTZ205 -15 FHSPFTZ205 -16 FHSPFTZ205 -25mm	3/4 13/16 7/8 15/16 1 25mm	3 1/8 79	3 76	1 3/8 35	11/32 9	11/16 17	.083 2.1	1 3/32 28	2 3/8 66	1.0630 27.000	0.295 7.50	5/16	FHS205 -12 FHS205 -13 FHS205 -14 FHS205 -15 FHS205 -16 FHS205 -25mm	PFT-5Z
FHSPFTZ206 -17 FHSPFTZ206 -18 FHSPFTZ206 -19 FHSPFTZ206 -20 FHSPFTZ206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3 11/16 94	3 9/16 90	1 1/2 38	13/32 10	11/16 17	.104 2.6	1 25	2 13/16 71	1.1811 30.000	0.354 9.00	3/8	FHS206 -17 FHS206 -18 FHS206 -19 FHS206 -20 FHS206 -30mm	PFT-6Z
FHSPFTZ207 -20 FHSPFTZ207 -21 FHSPFTZ207 -22 FHSPFTZ207 -23 FHSPFTZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 5/32 106	3 15/16 100	1 3/4 44	13/32 10	3/4 19	.104 2.6	1 17/64 32	3 3/16 81	1.2598 32.000	0.374 9.50	3/8	FHS207 -20 FHS207 -21 FHS207 -22 FHS207 -23 FHS207 -35mm	PFT-7Z

FHPFTZ200 Eccentric Locking Collar

Unit No.	Shaft Diam.	a	e	h	s	c	g	b	f	L	n	W	Bolt Size In.	Bearing No.	Housing No.
FHPFTZ201 -8 FHPFTZ201 -12mm FHPFTZ202 -9 FHPFTZ202 -10 FHPFTZ202 -15mm FHPFTZ203 -11 FHPFTZ203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	2 23/32 69	2 1/2 64	1 1/8 29	9/32 7	9/16 14	.074 1.9	13/16 21	1 15/16 49	1.1260 28.600	0.256 6.50	1.13 28.60	1/4	FH201 -8 FH201 -12mm FH202 -9 FH202 -10 FH202 -15mm FH203 -11 FH203 -17mm	PFT-3Z
FHPFTZ204 -12 FHPFTZ204 -20mm	3/4 20mm	3 76	2 13/16 71	1 5/16 33	11/32 9	5/8 16	.083 2.1	1 1/16 27	2 3/16 56	1.2205 31.000	0.295 7.50	1.26 32.00	5/16	FH204 -12 FH204 -20mm	PFT-4Z
FHPFTZ205 -13 FHPFTZ205 -14 FHPFTZ205 -15 FHPFTZ205 -16 FHPFTZ205 -25mm	13/16 7/8 15/16 1 25mm	3 1/8 79	3 76	1 3/8 35	11/32 9	11/16 17	.083 2.1	1 3/32 28	2 3/8 66	1.2205 31.000	0.295 7.50	1.50 38.10	5/16	FH205 -13 FH205 -14 FH205 -15 FH205 -16 FH205 -25mm	PFT-5Z
FHPFTZ206 -17 FHPFTZ206 -18 FHPFTZ206 -19 FHPFTZ206 -20 FHPFTZ206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3 11/16 94	3 9/16 90	1 1/2 38	13/32 10	11/16 17	.104 2.6	1 25	2 13/16 71	1.4055 35.700	0.354 9.00	1.75 44.50	3/8	FH206 -17 FH206 -18 FH206 -19 FH206 -20 FH206 -30mm	PFT-6Z
FHPFTZ207 -20 FHPFTZ207 -21 FHPFTZ207 -22 FHPFTZ207 -23 FHPFTZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 5/32 106	3 15/16 100	1 3/4 44	13/32 10	3/4 19	.104 2.6	1 17/64 32	3 3/16 81	1.5315 38.900	0.374 9.50	2.19 55.60	3/8	FH207 -20 FH207 -21 FH207 -22 FH207 -23 FH207 -35mm	PFT-7Z

Stamped housings can be made in AISI 304 stainless steel. Combine with stainless steel bearing for maximum corrosion resistance:
Example: SSFHSPFT205-16

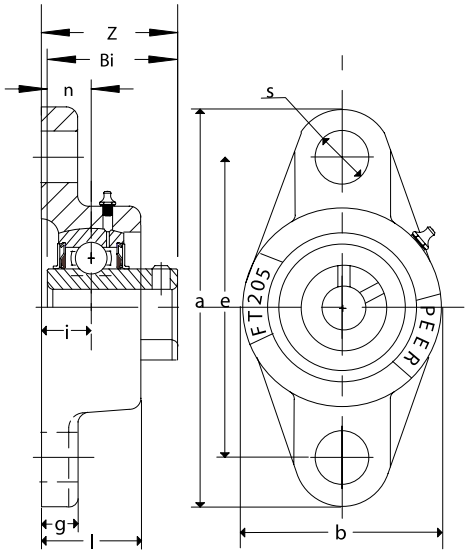
Flange Units – Standard 2 Bolt
UCFT200 Series Set Screw Locking

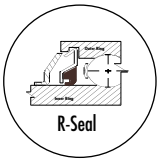
- Standard duty, high-grade cast iron
- Solid base housing design for added strength
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
UCFT201 -8 UCFT201 -12mm UCFT202 -9 UCFT202 -10 UCFT202 -15mm UCFT203 -11 UCFT203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 7/8 98.4	3 76.2	.594 15.10	7/16 11.1	1 25.4	27/64 11.0	2 1/8 54.0	1.32 33.4	1.220 31.00	0.500 12.70	3/8	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	FT-203-H
UCFT204 -12 UCFT204 -13 UCFT204 -20mm	3/4 13/16 20mm	4 7/16 113.0	3 17/32 89.7	.591 15.00	7/16 11.1	15/16 24.0	27/64 11.0	2 3/8 60.3	1.31 33.3	1.220 31.00	0.500 12.70	3/8	UC204 -12 UC204 -13 UC204 -20mm	FT-204-H
UCFT205 -13 UCFT205 -14 UCFT205 -15 UCFT205 -16 UCFT205 -25mm	13/16 7/8 15/16 1 25mm	5 1/8 130.2	3 57/64 98.8	.630 16.00	1/2 12.7	1 1/64 26.0	17/32 13.5	2 11/16 68.3	1.41 35.7	1.339 34.00	0.563 14.30	7/16	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	FT-205-H
UCFT206 -17 UCFT206 -18 UCFT206 -19 UCFT206 -20 UCFT206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 13/16 147.6	4 19/32 116.7	.709 18.00	1/2 12.7	1 5/32 29.0	17/32 13.5	3 5/32 80.2	1.58 40.2	1.500 38.10	0.626 15.90	7/16	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	FT-206-H
UCFT207 -20 UCFT207 -21 UCFT207 -22 UCFT207 -23 UCFT207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 11/32 161.1	5 1/8 130.2	.748 19.00	9/16 14.3	1 3/16 30.0	37/64 15.0	3 17/32 89.7	1.75 44.4	1.689 42.90	0.689 17.50	1/2	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	FT-207-H
UCFT208 -24 UCFT208 -25 UCFT208 -40mm	1 1/2 1 9/16 40mm	6 7/8 174.6	5 21/32 143.7	.828 21.00	9/16 14.3	1 13/32 34.0	37/64 15.0	3 15/16 100.0	2.02 51.2	1.937 49.20	0.748 19.00	1/2	UC208 -24 UC208 -25 UC208 -40mm	FT-208-H
UCFT209 -26 UCFT209 -27 UCFT209 -28 UCFT209 -45mm	1 5/8 1 11/16 1 3/4 45mm	7 13/32 188.1	5 27/32 148.4	.866 22.00	19/32 15.1	1 3/8 35.0	21/32 17.0	4 1/4 108.0	2.06 52.2	1.937 49.20	0.748 19.00	9/16	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	FT-209-H





Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
UCFT210 -29 UCFT210 -30 UCFT210 -31 UCFT210 -32 UCFT210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	7 3/4 196.9	6 3/16 157.2	.866 22.00	19/32 15.1	1 17/32 39.0	21/32 17.0	4 17/32 115.1	2.15 54.6	2.031 51.60	0.748 19.00	9/16	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	FT-210-H
UCFT211 -32 UCFT211 -33 UCFT211 -34 UCFT211 -35 UCFT211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	8 13/16 223.8	7 1/4 184.2	1.000 25.40	23/32 18.3	1 5/8 41.4	45/64 18.0	5 1/8 130.2	2.32 58.8	2.189 55.60	0.874 22.20	5/8	UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	FT-211-H
UCFT212 -36 UCFT212 -37 UCFT212 -38 UCFT212 -39 UCFT212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	9 27/32 250.0	7 15/16 201.6	1.142 29.00	23/32 18.3	1 25/32 45.0	55/64 22.0	5 1/2 139.7	2.70 68.7	2.563 65.10	1.000 25.40	3/4	UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	FT-212-H
UCFT213 -40 UCFT213 -41 UCFT213 -65mm	2 1/2 2 9/16 65mm	10 5/32 258.0	8 1/4 209.6	1.181 30.00	25/32 19.8	1 27/32 47.0	55/64 22.0	6 3/32 154.8	2.74 69.7	2.563 65.10	1.000 25.40	3/4	UC213 -40 UC213 -41 UC213 -65mm	FT-213-H
UCFT214 -42 UCFT214 -43 UCFT214 -44 UCFT214 -70mm	2 5/8 2 11/16 2 3/4 70mm	10 7/16 265.1	8 1/2 215.9	1.220 31.00	25/32 19.8	1 31/32 50.0	55/64 22.0	6 5/16 160.3	2.97 75.4	2.937 74.60	1.189 30.20	3/4	UC214 -42 UC214 -43 UC214 -44 UC214 -70mm	FT-214-H
UCFT215 -45 UCFT215 -46 UCFT215 -47 UCFT215 -48 UCFT215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	10 13/16 274.6	8 7/8 225.4	1.344 34.10	25/32 19.8	2 1/8 54.0	55/64 22.0	6 1/2 165.1	3.09 78.6	3.063 77.80	1.311 33.30	3/4	UC215 -45 UC215 -46 UC215 -47 UC215 -48 UC215 -75mm	FT-215-H
UCFT216 -50 UCFT216 -80mm	3 1/8 80mm	11 13/32 289.7	9 3/16 233.0	1.344 34.10	25/32 19.8	2 5/32 55.0	31/32 25.0	7 3/32 180.2	3.28 83.4	3.252 82.60	1.311 33.30	7/8	UC216 -50 UC216 -80mm	FT-216-H
UCFT217 -52 UCFT217 -55 UCFT217 -85mm	3 1/4 3 7/16 85mm	12 304.8	9 3/4 247.7	1.406 35.70	7/8 22.2	2 9/32 58.0	31/32 25.0	7 15/32 189.7	3.44 87.3	3.374 85.70	1.343 34.10	7/8	UC217 -52 UC217 -55 UC217 -85mm	FT-217-H
UCFT218 -56 UCFT218 -90mm	3 1/2 90mm	12 19/32 319.9	10 17/64 260.7	1.563 39.70	29/32 23.0	2 31/64 63.0	31/32 25.0	8 1/16 204.8	3.78 96.0	3.780 96.00	1.563 39.70	7/8	UC218 -56 UC218 -90mm	FT-218-H

1. Bolt hole diameter ('s' dimension) can be drilled to your specifications
2. Overall length ('a' dimension) can be made to your specifications

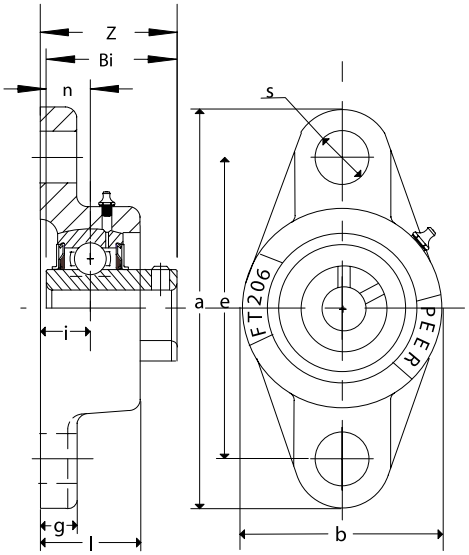
Flange Units – Medium Duty 2 Bolt
UCFTX00 Series Set Screw Locking

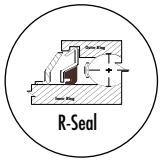
- Medium duty, high-grade cast iron
- Solid base housing design for added strength
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
UCFTX05 -13 **UCFTX05 -14** **UCFTX05 -15** **UCFTX05 -16** **UCFTX05 -25mm**	13/16 7/8 15/16 1 25mm	5 13/16 147.6	4 19/32 116.7	.709 18.00	1/2 12.7	1 5/32 29.0	17/32 13.5	3 5/32 80.2	1.58 40.2	1.500 38.10	0.626 15.90	7/16	UCX05 -13 UCX05 -14 UCX05 -15 UCX05 -16 UCX05 -25mm	FT-206-H
UCFTX06 -17 **UCFTX06 -18** **UCFTX06 -19** **UCFT207 -20 *** **UCFTX06 -30mm**	1 1/16 1 1/8 1 3/16 1 1/4 30mm	6 11/32 161.1	5 1/8 130.2	.748 19.00	9/16 14.3	1 3/16 30.0	37/64 15.0	3 17/32 89.7	1.75 44.4	1.689 42.90	0.689 17.50	1/2	UCX06 -17 UCX06 -18 UCX06 -19 UC207 -20 * UCX06 -30mm	FT-207-H
UCFTX07 -20 **UCFTX07 -21** **UCFTX07 -22** **UCFTX07 -23** **UCFTX07 -35mm**	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 7/8 174.6	5 21/32 143.7	.828 21.00	9/16 14.3	1 13/32 34.0	37/64 15.0	3 15/16 100.0	2.02 51.2	1.937 49.20	0.748 19.00	1/2	UCX07 -20 UCX07 -21 UCX07 -22 UCX07 -23 UCX07 -35mm	FT-208-H
UCFTX08 -24 **UCFTX08 -25** **UCFTX08 -40mm**	1 1/2 1 9/16 40mm	7 13/32 188.1	5 27/32 148.4	.866 22.00	19/32 15.1	1 3/8 35.0	21/32 17.0	4 1/4 108.0	2.06 52.2	1.937 49.20	0.748 19.00	9/16	UCX08 -24 UCX08 -25 UCX08 -40mm	FT-209-H
UCFTX09 -26 **UCFTX09 -27** **UCFTX09 -28** **UCFTX09 -45mm**	1 5/8 1 11/16 1 3/4 45mm	7 3/4 196.9	6 3/16 157.2	.866 22.00	19/32 15.1	1 17/32 39.0	21/32 17.0	4 17/32 115.1	2.15 54.6	2.031 51.60	0.748 19.00	9/16	UCX09 -26 UCX09 -27 UCX09 -28 UCX09 -45mm	FT-210-H
UCFTX10 -29 **UCFTX10 -30** **UCFTX10 -31** **UCFT211 -32 **** **UCFTX10 -50mm**	1 13/16 1 7/8 1 15/16 2 50mm	8 13/16 223.8	7 1/4 184.2	1 25.40	23/32 18.3	1 5/8 41.4	45/64 18.0	5 1/8 130.2	2.32 58.8	2.189 55.60	0.874 22.20	5/8	UCX10 -29 UCX10 -30 UCX10 -31 UC211 -32 ** UCX10 -50mm	FT-211-H





Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	Bi	N	Bolt Size In.	Bearing No.	Housing No.
UCFTX11 -32 **UCFTX11 -33** **UCFTX11 -34** **UCFTX11 -35** **UCFT212 -36 ***** **UCFTX11 -55mm**	2 2 1/16 2 1/8 2 3/16 2 1/4 55mm	9 27/32 250.0	7 15/16 201.6	1.142 29.00	23/32 18.3	1 25/32 45.0	55/64 22.0	5 1/2 139.7	2.70 68.7	2.563 65.10	1.000 25.40	3/4	UCX11 -32 UCX11 -33 UCX11 -34 UCX11 -35 UC212 -36*** UCX11 -55mm	FT-212-H
UCFTX12 -37 **UCFTX12 -38** **UCFTX12 -39** **UCFTX12 -60mm**	2 5/16 2 3/8 2 7/16 60mm	10 5/32 258.0	8 1/4 209.6	1.181 30.00	25/32 19.8	1 27/32 47.0	55/64 22.0	6 3/32 154.8	2.74 69.7	2.563 65.10	1.000 25.40	3/4	UCX12 -37 UCX12 -38 UCX12 -39 UCX12 -60mm	FT-213-H
UCFTX13 -40 **UCFTX13 -41** **UCFTX13 -65mm**	2 1/2 2 9/16 65mm	10 7/16 265.1	8 1/2 215.9	1.220 31.00	25/32 19.8	1 31/32 50.0	55/64 22.0	6 5/16 160.3	2.97 75.4	2.937 74.60	1.189 30.20	3/4	UCX13 -40 UCX13 -41 UCX13 -65mm	FT-214-H
UCFTX14 -42 **UCFTX14 -43** **UCFTX14 -44** **UCFTX14 -70mm**	2 5/8 2 11/16 2 3/4 70mm	10 13/16 274.6	8 7/8 225.4	1.344 34.10	25/32 19.8	2 1/8 54.0	55/64 22.0	6 1/2 165.1	3.09 78.6	3.063 77.80	1.311 33.30	3/4	UCX14 -42 UCX14 -43 UCX14 -44 UCX14 -70mm	FT-215-H
UCFTX15 -45 **UCFTX15 -46** **UCFTX15 -47** **UCFTX15 -48** **UCFTX15 -75mm**	2 13/16 2 7/8 2 15/16 3 75mm	11 13/32 289.7	9 3/16 233.0	1.344 34.10	25/32 19.8	2 5/32 55.0	31/32 25.0	7 3/32 180.2	3.28 83.4	3.252 82.60	1.311 33.30	7/8	UCX15 -45 UCX15 -46 UCX15 -47 UCX15 -48 UCX15 -75mm	FT-216-H
UCFTX16 -50 **UCFTX16 -80mm**	3 1/8 80mm	12 304.8	9 3/4 247.7	1.406 35.70	7/8 22.2	2 9/32 58.0	31/32 25.0	7 15/32 189.7	3.44 87.3	3.374 85.70	1.343 34.10	7/8	UCX16 -50 UCX16 -80mm	FT-217-H
UCFTX17 -52 **UCFTX17 -85mm**	3 1/4 85mm	12 19/32 319.9	10 17/64 260.7	1.563 39.70	29/32 23.0	2 31/64 63.0	31/32 25.0	8 1/16 204.8	3.78 96.0	3.780 96.00	1.563 39.70	7/8	UCX17 -52 UCX17 -85mm	FT-218-H

**UCFTX06-20 uses standard UC207-20 bearing and therefore is listed as UCFT207-20*
***UCFTX10-32 uses standard UC211-32 bearing and therefore is listed as UCFT211-32*
****UCFTX11-36 uses standard UC212-36 bearing and therefore is listed as UCFT212-36*

Bolt hole diameter ('s' dimension) can be drilled to your specifications

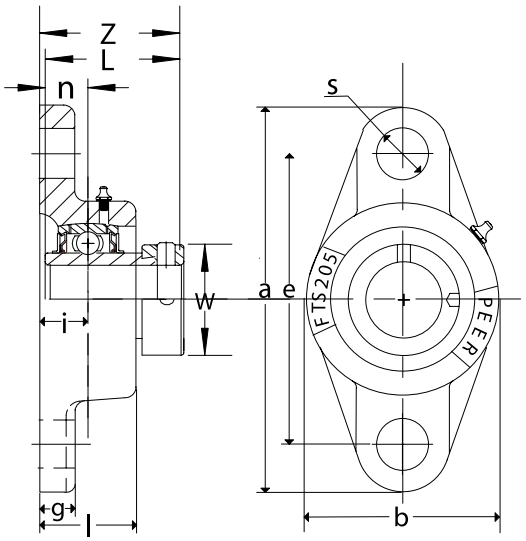
Flange Units – Standard 2 Bolt
HCFTS200 Series Eccentric Locking Collar

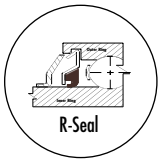
- Standard duty, high-grade cast iron
- Solid base housing design for added strength
- Wide inner ring bearing
- Relubricatable unit
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
HCSFTS201 -8 HCSFTS201 -12mm HCSFTS202 -9 HCSFTS202 -10 HCSFTS202 -15mm HCSFTS203 -11 HCSFTS203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 7/8 98.4	3 76.2	.75 19.10	7/16 11.1	1 1/4 31.6	25/64 10.0	2 3/8 60.3	1.67 42.5	1.469 37.30	0.547 13.90	1.13 28.60	5/16	HCS201 -8 HCS201 -12mm HCS202 -9 HCS202 -10 HCS202 -15mm HCS203 -11 HCS203 -17mm	FTS-203S-H
HCFTS201 -8 HCFTS201 -12mm HCFTS202 -9 HCFTS202 -10 HCFTS202 -15mm HCFTS203 -11 HCFTS203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 7/16 113.0	3 17/32 89.7	.75 19.10	7/16 11.1	1 9/64 29.0	15/32 12.0	2 3/8 60.3	1.80 45.6	1.713 43.50	0.669 17.00	1.26 32.00	3/8	HC201 -8 HC201 -12mm HC202 -9 HC202 -10 HC202 -15mm HC203 -11 HC203 -17mm	FTS-204-H
HCFTS204 -12 HCFTS204 -20mm	3/4 20mm	4 7/16 113.0	3 17/32 89.7	.75 19.10	7/16 11.1	1 9/64 29.0	15/32 12.0	2 3/8 60.3	1.80 45.6	1.713 43.50	0.669 17.00	1.26 32.00	3/8	HC204 -12 HC204 -20mm	FTS-204-H
HCFTS205 -13 HCFTS205 -14 HCFTS205 -15 HCFTS205 -16 HCFTS205 -25mm	13/16 7/8 15/16 1 25mm	4 7/8 123.8	3 57/64 98.8	.75 19.10	17/32 13.5	1 5/32 29.6	15/32 12.0	2 3/4 69.9	1.81 46.0	1.744 44.30	0.685 17.40	1.50 38.10	3/8	HC205 -13 HC205 -14 HC205 -15 HC205 -16 HC205 -25mm	FTS-205-H
HCFTS206 -17 HCFTS206 -18 HCFTS206 -19 HCFTS206 -20 HCFTS206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 9/16 141.3	4 19/32 116.7	.826 21.00	17/32 13.5	1 3/8 34.9	15/32 12.0	3 1/8 79.4	2.01 51.1	1.902 48.30	0.717 18.20	1.75 44.50	3/8	HC206 -17 HC206 -18 HC206 -19 HC206 -20 HC206 -30mm	FTS-206-H
HCFTS207 -20 HCFTS207 -21 HCFTS207 -22 HCFTS207 -23 HCFTS207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 1/8 155.6	5 1/8 130.2	.906 23.00	9/16 14.3	1 15/32 37.3	37/64 15.0	3 5/8 92.1	2.18 55.3	2.012 51.10	0.740 18.80	2.19 55.60	1/2	HC207 -20 HC207 -21 HC207 -22 HC207 -23 HC207 -35mm	FTS-207-H
HCFTS208 -24 HCFTS208 -25 HCFTS208 -40mm	1 1/2 1 9/16 40mm	6 3/4 171.5	5 21/32 143.7	1 25.40	9/16 14.3	1 17/32 38.9	17/32 13.5	4 1/8 104.8	2.37 60.3	2.217 56.30	0.843 21.40	2.37 60.30	7/16	HC208 -24 HC208 -25 HC208 -40mm	FTS-208-H





Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	G	l	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
HCFTS209 -26 HCFTS209 -27 HCFTS209 -28 HCFTS209 -45mm	1 5/8 1 11/16 1 3/4 45mm	7 1/16 179.4	5 27/32 148.4	1.000 25.40	9/16 14.3	1 3/4 44.5	21/32 17.0	4 3/8 111.1	2.37 60.3	2.217 56.30	0.843 21.40	2.50 63.50	9/16	HC209 -26 HC209 -27 HC209 -28 HC209 -45mm	FTS-209-H
HCFTS210 -29 HCFTS210 -30 HCFTS210 -31 HCFTS210 -32 HCFTS210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	7 7/16 189.0	6 3/16 157.2	1.181 30.00	9/16 14.3	1 27/32 46.8	21/32 17.0	4 9/16 115.9	2.68 68.1	2.469 62.70	0.969 24.60	2.75 69.90	9/16	HC210 -29 HC210 -30 HC210 -31 HC210 -32 HC210 -50mm	FTS-210-H
HCFTS211 -32 HCFTS211 -33 HCFTS211 -34 HCFTS211 -35 HCFTS211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	8 1/2 216.0	7 1/4 184.2	1.299 33.30	13/16 20.6	1 31/32 50.0	21/32 17.0	5 1/4 133.4	3.03 77.0	2.811 71.40	1.090 27.70	3.00 76.20	9/16	HC211 -32 HC211 -33 HC211 -34 HC211 -35 HC211 -55mm	FTS-211-H
HCFTS212 -36 HCFTS212 -37 HCFTS212 -38 HCFTS212 -39 HCFTS212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	9 1/4 235.0	7 15/16 201.6	1.344 34.10	13/16 20.6	2 3/32 53.2	21/32 17.0	5 7/16 138.1	3.19 81.0	3.063 77.80	1.217 30.90	3.31 84.10	9/16	HC212 -36 HC212 -37 HC212 -38 HC212 -39 HC212 -60mm	FTS-212-H
HCFTS213 -40 HCFTS213 -41 HCFTS213 -65mm	2 1/2 2 9/16 65mm	9 3/4 247.7	8 1/4 209.6	1.500 38.10	7/8 22.2	2 5/16 58.7	45/64 18.0	5 31/32 151.6	3.53 89.7	3.374 85.70	1.343 34.10	3.39 86.00	5/8	HC213 -40 HC213 -41 HC213 -65mm	FTS-213-H
HCFTS214 -42 HCFTS214 -43 HCFTS214 -44 HCFTS214 -70mm	2 5/8 2 11/16 2 3/4 70mm	10 1/8 257.2	8 1/2 215.9	1.500 38.10	7/8 22.2	2 7/16 61.9	45/64 18.0	6 1/4 158.8	3.53 89.7	3.374 85.70	1.343 34.10	3.54 90.00	5/8	HC214 -42 HC214 -43 HC214 -44 HC214 -70mm	FTS-214-H
HCFTS215 -45 HCFTS215 -46 HCFTS215 -47 HCFTS215 -48 HCFTS215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	10 15/32 265.9	8 7/8 225.4	1.609 40.90	7/8 22.2	2 9/16 65.1	45/64 18.0	6 1/2 165.1	3.77 95.7	3.626 92.10	1.469 37.30	4.00 101.60	5/8	HC215 -45 HC215 -46 HC215 -47 HC215 -48 HC215 -75mm	FTS-215-H

Bolt hole diameter ('s' dimension) can be drilled to your specifications

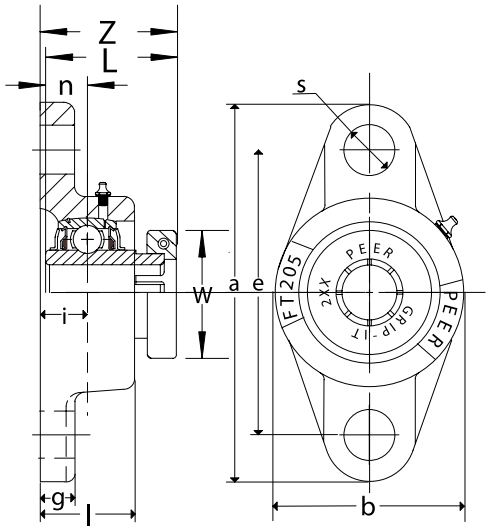
Flange Units – Standard 2 Bolt
GRFT200 Series GRIP-IT 360 Degree Locking

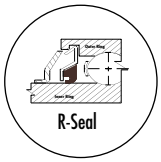
- Standard duty, high-grade cast iron
- Solid base housing design for added strength
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Black Oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
GRFT204 -12 GRFT204 -13 GRFT204 -20mm	3/4 13/16 20mm	4 7/16 113.0	3 17/32 89.7	.591 15.00	7/16 11.1	15/16 24.0	27/64 11.0	2 3/8 60.3	1.46 37.2	1.374 34.90	0.500 12.70	1.76 44.60	3/8	GR204 -12 GR204 -13 GR204 -20mm	FT-204-H
GRFT205 -13 GRFT205 -14 GRFT205 -15 GRFT205 -16 GRFT205 -25mm	13/16 7/8 15/16 1 25mm	5 1/8 130.2	3 57/64 98.8	.630 16.00	1/2 12.7	1 1/64 26.0	17/32 13.5	2 11/16 68.3	1.58 40.1	1.512 38.40	0.563 14.30	1.94 49.20	7/16	GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	FT-205-H
GRFT206 -17 GRFT206 -18 GRFT206 -19 GRFT206 -20 GRFT206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 13/16 147.6	4 19/32 116.7	.709 18.00	1/2 12.7	1 5/32 29.0	17/32 13.5	3 5/32 80.2	1.73 44.0	1.650 41.90	0.626 15.90	2.19 55.50	7/16	GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	FT-206-H
GRFT207 -20 GRFT207 -21 GRFT207 -22 GRFT207 -23 GRFT207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 11/32 161.1	5 1/8 130.2	.748 19.00	9/16 14.3	1 3/16 30.0	37/64 15.0	3 17/32 89.7	1.93 49.0	1.870 47.50	0.689 17.50	2.57 65.40	1/2	GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	FT-207-H
GRFT208 -24 GRFT208 -25 GRFT208 -40mm	1 1/2 1 9/16 40mm	6 7/8 174.6	5 21/32 143.7	.828 21.00	9/16 14.3	1 13/32 34.0	37/64 15.0	3 15/16 100.0	2.19 55.7	2.114 53.70	0.748 19.00	2.69 68.40	1/2	GR208 -24 GR208 -25 GR208 -40mm	FT-208-H
GRFT209 -26 GRFT209 -27 GRFT209 -28 GRFT209 -45mm	1 5/8 1 11/16 1 3/4 45mm	7 13/32 188.1	5 27/32 148.4	.866 22.00	19/32 15.1	1 3/8 35.0	21/32 17.0	4 1/4 108.0	2.24 56.9	2.122 53.90	0.748 19.00	2.93 74.50	9/16	GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	FT-209-H



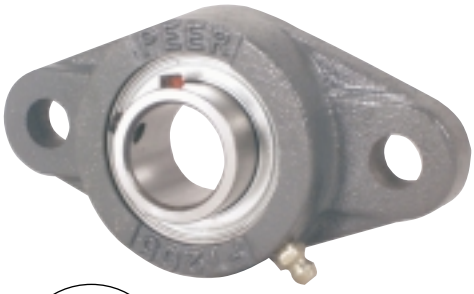


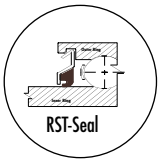
Dimensions in mm

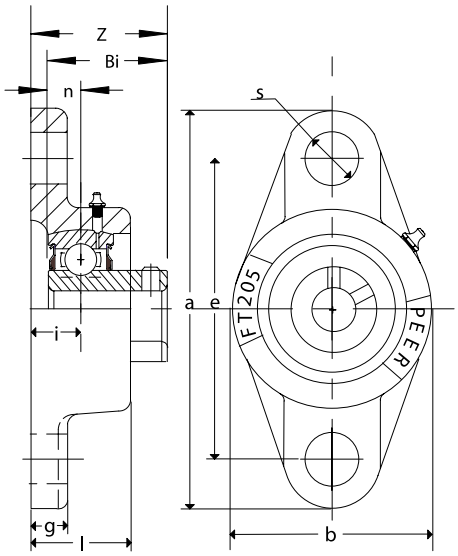
Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
GRFT210 -29 GRFT210 -30 GRFT210 -31 GRFT210 -32 GRFT210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	7 3/4 196.9	6 3/16 157.2	.866 22.00	19/32 15.1	1 17/32 39.0	21/32 17.0	4 17/32 115.1	2.39 60.6	2.268 57.60	0.748 19.00	3.39 86.00	9/16	GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	FT-210-H
GRFT211 -32 GRFT211 -33 GRFT211 -34 GRFT211 -35 GRFT211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	8 13/16 223.8	7 1/4 184.2	1.000 25.40	23/32 18.3	1 5/8 41.4	45/64 18.0	5 1/8 130.2	2.56 64.9	2.429 61.70	0.874 22.20	3.50 89.00	5/8	GR211 -32 GR211 -33 GR211 -34 GR211 -35 GR211 -55mm	FT-211-H
GRFT212 -36 GRFT212 -37 GRFT212 -38 GRFT212 -39 GRFT212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	9 27/32 250.0	7 15/16 201.6	1.142 29.00	23/32 18.3	1 25/32 45.0	55/64 22.0	5 1/2 139.7	2.99 75.9	2.846 72.30	1.000 25.40	4.06 103.00	3/4	GR212 -36 GR212 -37 GR212 -38 GR212 -39 GR212 -60mm	FT-212-H
GRFT213 -40 GRFT213 -41 GRFT213 -65mm	2 1/2 2 9/16 65mm	10 5/32 258.0	8 1/4 209.6	1.181 30.00	25/32 19.8	1 27/32 47.0	55/64 22.0	6 3/32 154.8	3.03 76.9	2.846 72.30	1.000 25.40	4.11 104.50	3/4	GR213 -40 GR213 -41 GR213 -65mm	FT-213-H
GRFT214 -42 GRFT214 -43 GRFT214 -44 GRFT214 -70mm	2 5/8 2 11/16 2 3/4 70mm	10 7/16 265.1	8 1/2 215.9	1.220 31.00	25/32 19.8	1 31/32 50.0	55/64 22.0	6 5/16 160.3	3.25 82.6	3.220 81.80	1.189 30.20	4.39 111.50	3/4	GR214 -42 GR214 -43 GR214 -44 GR214 -70mm	FT-214-H
GRFT215-45 GRFT215 -46 GRFT215 -47 GRFT215 -48 GRFT215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	10 13/16 274.6	8 7/8 225.4	1.344 34.10	25/32 19.8	2 1/8 54.0	55/64 22.0	6 1/2 165.1	3.39 86.1	3.358 85.30	1.311 33.30	4.65 118.00	3/4	GR215-45 GR215 -46 GR215 -47 GR215 -48 GR215 -75mm	FT-215-H

1. Bolt hole diameter ('s' dimension) can be drilled to your specifications
2. Overall length ('a' dimension) can be made to your specifications

Flange Units – Standard 2 Bolt
FHSFT200-G Series Set Screw Locking







- Standard duty, high-grade cast iron
- Solid base housing design for added strength
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

Dimensions in / mm

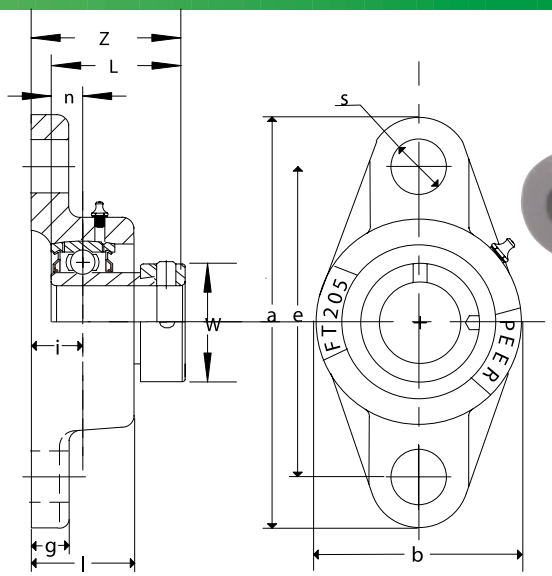
Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
FHSFTJ201D-8G FHSFTJ201D-12mmG FHSFTJ202D-9G FHSFTJ202D-10G FHSFTJ202D-15mmG FHSFTJ203D-11G FHSFTJ203D-17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 29/32 99.2	3 76.2	.515 13.10	25/64 10.0	55/64 21.8	27/64 11.0	2 1/8 54.0	1.15 29.1	0.886 22.50	0.256 6.50	3/8	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	FTJ-203SD-H
FHSFT204 -12G FHSFT204 -13G FHSFT204 -20mmG	3/4 13/16 20mm	4 7/16 113.0	3 17/32 89.7	.591 15.00	7/16 11.1	15/16 24.0	27/64 11.0	2 3/8 60.3	1.28 32.5	0.984 25.00	0.295 7.50	3/8	FHS204 -12G FHS204 -13G FHS204 -20mmG	FT-204-H
FHSFT205 -12G FHSFT205 -13G FHSFT205 -14G FHSFT205 -15G FHSFT205 -16G FHSFT205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	5 1/8 130.2	3 57/64 98.8	.630 16.00	1/2 12.7	1 1/64 26.0	17/32 13.5	2 11/16 68.3	1.40 35.5	1.063 27.00	0.295 7.50	7/16	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	FT-205-H
FHSFT206 -17G FHSFT206 -18G FHSFT206 -19G FHSFT206 -20G FHSFT206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 13/16 147.6	4 19/32 116.7	.709 18.00	1/2 12.7	1 5/32 29.0	17/32 13.5	3 5/32 80.2	1.54 39.0	1.181 30.00	0.354 9.00	7/16	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	FT-206-H
FHSFT207 -20G FHSFT207 -21G FHSFT207 -22G FHSFT207 -23G FHSFT207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 11/32 161.1	5 1/8 130.2	.748 19.00	9/16 14.3	1 3/16 30.0	37/64 15.0	3 17/32 89.7	1.63 41.5	1.260 32.00	0.374 9.50	1/2	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	FT-207-H
FHSFT208 -24G FHSFT208 -25G FHSFT208 -40mmG	1 1/2 1 9/16 40mm	6 7/8 174.6	5 21/32 143.7	.828 21.00	9/16 14.3	1 13/32 34.0	37/64 15.0	3 15/16 100.0	1.89 48.0	1.496 38.00	0.433 11.00	1/2	FHS208 -24G FHS208 -25G FHS208 -40mmG	FT-208-H
FHSFT209 -26G FHSFT209 -27G FHSFT209 -28G FHSFT209 -45mm	1 5/8 1 11/16 1 3/4 45mm	7 13/32 188.1	5 27/32 148.4	.866 22.00	19/32 15.1	1 3/8 35.0	21/32 17.0	4 1/4 108.0	1.99 50.5	1.555 39.50	0.433 11.00	9/16	FHS209 -26G FHS209 -27G FHS209 -28G FHS209 -45mmG	FT-209-H
FHSFT210 -29G FHSFT210 -30G FHSFT210 -31G FHSFT210 -32G FHSFT210 -50mmG	1 13/16 1 7/8 1 15/16 2 50mm	7 3/4 196.9	6 3/16 157.2	.866 22.00	19/32 15.1	1 17/32 39.0	21/32 17.0	4 17/32 115.1	2.15 54.6	1.717 43.60	0.433 11.00	9/16	FHS210 -29G FHS210 -30G FHS210 -31G FHS210 -32G FHS210 -50mmG	FT-210-H
FHSFT211 -32G FHSFT211 -33G FHSFT211 -34G FHSFT211 -35G FHSFT211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	8 13/16 223.8	7 1/4 184.2	1.000 25.40	23/32 18.3	1 5/8 41.4	45/64 18.0	5 1/8 130.2	3.26 82.9	2.756 70.00	0.492 12.50	5/8	FHS211 -32G FHS211 -33G FHS211 -34G FHS211 -35G FHS211 -55mmG	FT-211-H

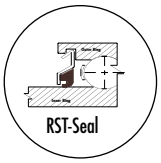
1. Bolt hole diameter ('s' dimension) can be drilled to your specifications
2. Overall length ('a' dimension) can be made to your specifications

Flange Units – Standard 2 Bolt
FHFT200-G Series Eccentric Locking Collar

- Standard duty, high-grade cast iron
- Solid base housing design for added strength
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83



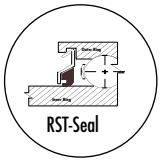


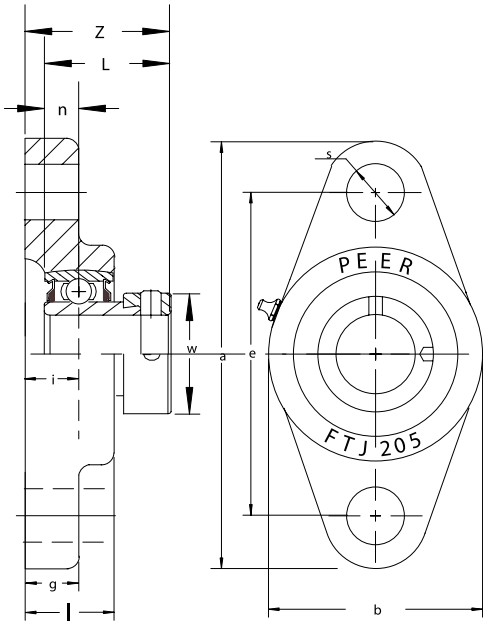
Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
FHFTJ201D -8G FHFTJ201D -12mmG FHFTJ202D -9G FHFTJ202D -10G FHFTJ202D -15mmG FHFTJ203D -11G FHFTJ203D -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 29/32 99.2	3 76.2	.515 13.10	25/64 10.0	55/64 21.8	27/64 11.0	2 1/8 54.0	1.39 35.2	1.126 28.60	0.256 6.50	1.13 28.60	3/8	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	FTJ-203SD-H
FHFT204 -12G FHFT204 -20mmG	3/4 20mm	4 7/16 113.0	3 17/32 89.7	.591 15.00	7/16 11.1	15/16 24.0	27/64 11.0	2 3/8 60.3	1.52 38.5	1.220 31.00	0.295 7.50	1.26 32.00	3/8	FH204 -12G FH204 -20mmG	FT-204-H
FHFT205 -13G FHFT205 -14G FHFT205 -15G FHFT205 -16G FHFT205 -25mmG	13/16 7/8 15/16 1 25mm	5 1/8 130.2	3 57/64 98.8	.630 16.00	1/2 12.7	1 1/64 26.0	17/32 13.5	2 11/16 68.3	1.56 39.5	1.220 31.00	0.295 7.50	1.50 38.10	7/16	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	FT-205-H
FHFT206 -17G FHFT206 -18G FHFT206 -19G FHFT206 -20G FHFT206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 13/16 147.6	4 19/32 116.7	.709 18.00	1/2 12.7	1 5/32 29.0	17/32 13.5	3 5/32 80.2	1.76 44.7	1.406 35.70	0.354 9.00	1.75 44.50	7/16	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	FT-206-H
FHFT207 -20G FHFT207 -21G FHFT207 -22G FHFT207 -23G FHFT207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 11/32 161.1	5 1/8 130.2	.748 19.00	9/16 14.3	1 3/16 30.0	37/64 15.0	3 17/32 89.7	1.91 48.4	1.531 38.90	0.374 9.50	2.19 55.60	1/2	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	FT-207-H
FHFT208 -24G FHFT208 -25G FHFT208 -40mmG	1 1/2 1 9/16 40mm	6 7/8 174.6	5 21/32 143.7	.828 21.00	9/16 14.3	1 13/32 34.0	37/64 15.0	3 15/16 100.0	2.11 53.7	1.720 43.70	0.433 11.00	2.38 60.40	1/2	FH208 -24G FH208 -25G FH208 -40mmG	FT-208-H
FHFT209 -26G FHFT209 -27G FHFT209 -28G FHFT209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	7 13/32 188.1	5 27/32 148.4	.866 22.00	19/32 15.1	1 3/8 35.0	21/32 17.0	4 1/4 108.0	2.15 54.7	1.720 43.70	0.433 11.00	2.50 63.50	9/16	FH209 -26G FH209 -27G FH209 -28G FH209 -45mmG	FT-209-H
FHFT210 -29G FHFT210 -30G FHFT210 -31G FHFT210 -32G FHFT210 -50mmG	1 13/16 1 7/8 1 15/16 2(s) 50mm	7 3/4 196.9	6 3/16 157.2	.866 22.00	19/32 15.1	1 17/32 39.0	21/32 17.0	4 17/32 115.1	2.15 54.7	1.720 43.70	0.433 11.00	2.75 69.90	9/16	FH210 -29G FH210 -30G FH210 -31G FH210 -32G FH210 -50mmG	FT-210-H
FHFT211 -32G FHFT211 -33G FHFT211 -34G FHFT211 -35G FHFT211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	8 13/16 223.8	7 1/4 184.2	1.000 25.40	23/32 18.3	1 5/8 41.4	45/64 18.0	5 1/8 130.2	2.41 61.3	1.906 48.40	0.492 12.50	3.00 76.20	5/8	FH211 -32G FH211 -33G FH211 -34G FH211 -35G FH211 -55mmG	FT-211-H
FHFT212 -36G FHFT212 -37G FHFT212 -38G FHFT212 -39G FHFT212 -60mmG	2 1/4 2 5/16 2 3/8 2 7/16 2 7/16	9 27/32 250.0	7 15/16 201.6	1.142 29.00	23/32 18.3	1 25/32 45.0	55/64 22.0	5 1/2 139.7	2.55 64.8	1.941 49.30	0.532 13.50	3.31 84.20	3/4	FH212 -36G FH212 -37G FH212 -38G FH212 -39G FH212 -60mmG	FT-212-H

1. Bolt hole diameter ('s' dimension) can be drilled to your specifications
2. Overall length ('a' dimension) can be made to your specifications

Flange Units – Narrow Steel 2 Bolt
FHFTJ200-G Series Eccentric Locking Collar





- Standard duty, high-grade cast iron
- Solid base housing design for added strength
- Narrow housing follows USA/domestic dimensions
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

Dimensions in / mm

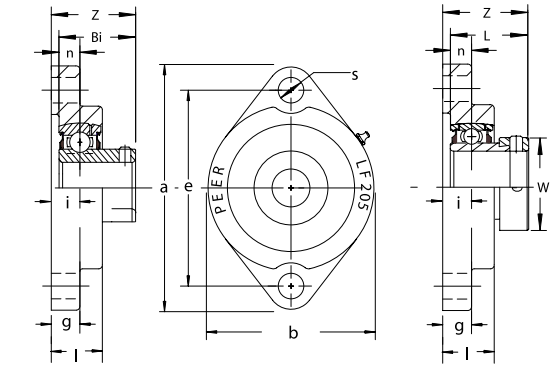
Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
FHFTJ201D -8G FHFTJ201D -12mmG FHFTJ202D -9G FHFTJ202D -10G FHFTJ202D -15mmG FHFTJ203D -11G FHFTJ203D -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 29/32 99.2	3 76.2	.515 13.10	25/64 10.0	55/64 21.8	27/64 11.0	2 1/8 54.0	1.39 35.2	1.126 28.60	0.256 6.50	1.13 28.60	3/8	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	FTJ-203SD-H
FHFTJ204 -12G FHFTJ204 -20mmG	3/4 20mm	4 13/32 111.9	3 17/32 89.7	.406 10.30	7/16 11.1	3/4 19.1	27/64 11.0	2 9/16 65.1	1.33 33.8	1.220 31.00	0.295 7.50	1.26 32.00	3/8	FH204 -12G FH204 -20mmG	FTJ-204-H
FHFTJ205 -13G FHFTJ205 -14G FHFTJ205 -15G FHFTJ205 -16G FHFTJ205 -25mmG	13/16 7/8 15/16 1 25mm	4 7/8 123.8	3 57/64 98.8	.406 10.30	7/16 11.1	25/32 19.8	17/32 13.5	2 3/4 69.9	1.33 33.8	1.220 31.00	0.295 7.50	1.50 38.10	7/16	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	FTJ-205-H
FHFTJ206 -17G FHFTJ206 -18G FHFTJ206 -19G FHFTJ206 -20G FHFTJ206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 9/16 141.3	4 19/32 116.7	.438 11.10	17/32 13.5	27/32 21.4	17/32 13.5	3 1/8 79.4	1.49 37.8	1.406 35.70	0.354 9.00	1.75 44.50	7/16	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	FTJ-206-H
FHFTJ207 -20G FHFTJ207 -21G FHFTJ207 -22G FHFTJ207 -23G FHFTJ207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 1/8 155.6	5 1/8 130.2	.484 12.30	9/16 14.3	31/32 24.6	37/64 15.0	3 5/8 92.1	1.64 41.7	1.531 38.90	0.374 9.50	2.19 55.60	1/2	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	FTJ-207-H
FHFTJ208 -24G FHFTJ208 -25G FHFTJ208 -40mmG	1 1/2 1 9/16 40mm	6 3/4 171.5	5 21/32 143.7	.516 13.10	9/16 14.3	1 1/32 26.2	37/64 15.0	4 1/8 104.8	1.80 45.8	1.720 43.70	0.433 11.00	2.38 60.40	1/2	FH208 -24G FH208 -25G FH208 -40mmG	FTJ-208-H
FHFTJ209 -26G FHFTJ209 -27G FHFTJ209 -28G FHFTJ209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	7 1/16 179.4	5 27/32 148.4	.594 15.10	5/8 15.9	1 1/8 28.6	37/64 15.0	4 3/8 111.1	1.88 47.8	1.720 43.70	0.433 11.00	2.50 63.50	1/2	FH209 -26G FH209 -27G FH209 -28G FH209 -45mmG	FTJ-209-H
FHFTJ210 -29G FHFTJ210 -30G FHFTJ210 -31G FHFTJ210 -32G FHFTJ210 -50mmG	1 13/16 1 7/8 1 15/16 2(s) 50mm	7 7/16 188.9	6 3/16 157.2	.594 15.10	29/32 11.5	1 11/16 42.9	37/64 15.0	4 35/64 115.5	1.88 47.8	1.720 43.70	0.433 11.00	2.75 69.90	1/2	FH210 -29G FH210 -30G FH210 -31G FH210 -32G FH210 -50mmG	FTJ-210-H
FHFTJ211 -32G FHFTJ211 -33G FHFTJ211 -34G FHFTJ211 -35G FHFTJ211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	8 3/16 223.8	7 1/4 184.2	.738 18.70	43/64 17.1	1 29/64 36.9	45/64 17.9	5 3/64 128.2	2.15 54.6	1.906 48.40	0.492 12.50	3.00 76.20	11/16	FH211 -32G FH211 -33G FH211 -34G FH211 -35G FH211 -55mmG	FTJ-211-H

1. *Units available with "FHS" set screw locking style bearings*
   Example: FHSFTJ205-16G
2. *Bolt hole diameter ('s' dimension) can be drilled to your specifications*

Flange Units – Light Duty 2 Bolt
FHSLF200-G / FHLF200-G Series

- Light duty, high-grade cast iron
- Ideal for applications with limited mounting space
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding,full cover, metal shroud seals

Optional seals: See page 83



FHSLF200-G FHLF200-G

FHSLF200-G Set Screw Locking

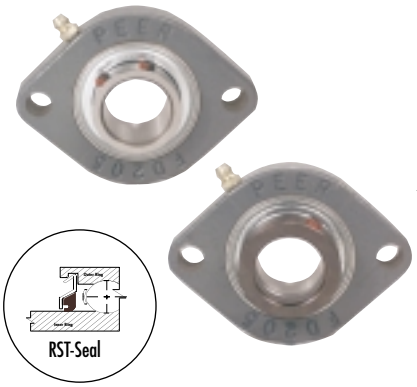
Dimensions in mm														
Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
FHSLF201 -8G FHSLF201 -12mmG FHSLF202 -9G FHSLF202 -10G FHSLF202 -15mmG FHSLF203 -11G FHSLF203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81.0	2 1/2 63.5	.375 9.50	3/8 9.5	23/32 18.3	5/16 7.9	2 7/32 56.4	1.00 25.5	0.886 22.50	0.256 6.50	1/4	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	LF-203-H
FHSLF204 -12G FHSLF204 -13G FHSLF204 -20mmG	3/4 13/16 20mm	3 17/32 89.7	2 13/16 71.4	.438 11.10	7/16 11.1	25/32 19.8	25/64 10.0	2 13/32 61.1	1.13 28.6	0.984 25.00	0.295 7.50	5/16	FHS204 -12G FHS204 -13G FHS204 -20mmG	LF-204-H
FHSLF205 -12G FHSLF205 -13G FHSLF205 -14G FHSLF205 -15G FHSLF205 -16G FHSLF205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95.3	2 63/64 75.8	.438 11.10	7/16 11.1	25/32 19.8	25/64 10.0	2 17/32 64.3	1.20 30.6	1.063 27.00	0.295 7.50	5/16	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	LF-205-H
FHSLF206 -17G FHSLF206 -18G FHSLF206 -19G FHSLF206 -20G FHSLF206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	.469 11.90	15/32 11.9	7/8 22.2	15/32 11.9	3 76.2	1.30 32.9	1.181 30.00	0.354 9.00	3/8	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	LF-206-H
FHSLF207 -20G FHSLF207 -21G FHSLF207 -22G FHSLF207 -23G FHSLF207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122.2	3 15/16 100.0	.516 13.10	33/64 13.1	15/16 23.8	15/32 11.9	3 1/2 88.9	1.40 35.6	1.260 32.00	0.374 9.50	3/8	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	LF-207-H

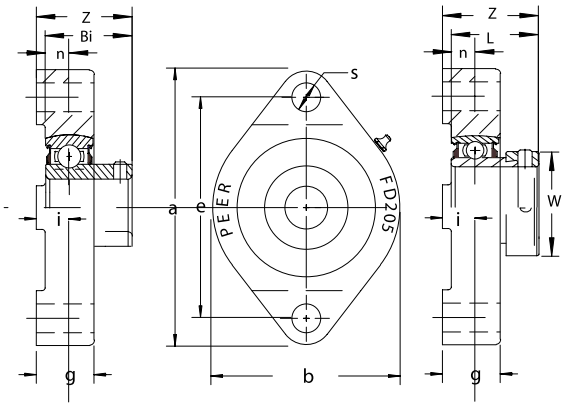
FHLF200-G Eccentric Locking Collar

Dimensions in mm														
Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
FHLF201 -8G FHLF201 -12mmG FHLF202 -9G FHLF202 -10G FHLF202 -15mmG FHLF203 -11G FHLF203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81.0	2 1/2 63.5	.375 9.50	3/8 9.5	23/32 18.3	5/16 7.9	2 7/32 56.4	1.24 31.6	1.126 28.60	0.256 6.50	1.13 28.60	1/4	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	LF-203-H
FHLF204 -12G FHLF204 -20mmG	3/4 20mm	3 17/32 89.7	2 13/16 71.4	.438 11.10	7/16 11.1	25/32 19.8	25/64 10.0	2 13/32 61.1	1.36 34.6	1.220 31.00	0.295 7.50	1.26 32.00	5/16	FH204 -12G FH204 -20mmG	LF-204-H
FHLF205 -13G FHLF205 -14G FHLF205 -15G FHLF205 -16G FHLF205 -25mmG	13/16 7/8 15/16 1 25mm	3 3/4 95.3	2 63/64 75.8	.438 11.10	7/16 11.1	25/32 19.8	25/64 10.0	2 17/32 64.3	1.36 34.6	1.220 31.00	0.295 7.50	1.50 38.10	5/16	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	LF-205-H
FHLF206 -17G FHLF206 -18G FHLF206 -19G FHLF206 -20G FHLF206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	.469 11.90	15/32 11.9	7/8 22.2	15/32 11.9	3 76.2	1.52 38.6	1.406 35.70	0.354 9.00	1.75 44.50	3/8	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	LF-206-H
FHLF207 -20G FHLF207 -21G FHLF207 -22G FHLF207 -23G FHLF207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122.2	3 15/16 100.0	.516 13.10	33/64 13.1	15/16 23.8	15/32 11.9	3 1/2 88.9	1.67 42.5	1.531 38.90	0.374 9.50	2.19 55.60	3/8	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	LF-207-H

Bolt hole diameter ('s' dimension) can be drilled to your specifications

Flange Units – Light Duty 2 Bolt
FHSFD200-G / FHFD200-G Series





FHSFD200-G FHFD200-G

- Light duty, high-grade cast iron
- Ideal for applications with limited mounting space
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

FHSFD200-G Set Screw Locking

Unit No.	Shaft Diam.	a	e	i	g	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm											
FHSFD201 -8G FHSFD201 -12mmG FHSFD202 -9G FHSFD202 -10G FHSFD202 -15mmG FHSFD203 -11G FHSFD203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81.0	2 15/32 62.7	.328 8.30	19/32 15.1	9/32 7.1	2 5/16 58.7	0.96 24.3	0.886 22.50	0.256 6.50	1/4	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	FD-203-H
FHSFD204 -12G FHSFD204 -13G FHSFD204 -20mmG	3/4 13/16 20mm	3 17/32 89.7	2 25/32 70.6	.375 9.50	21/32 16.7	25/64 10.0	2 3/4 69.7	1.06 27.0	0.984 25.00	0.295 7.50	5/16	FHS204 -12G FHS204 -13G FHS204 -20mmG	FD-204-H
FHSFD205 -12G FHSFD205 -13G FHSFD205 -14G FHSFD205 -15G FHSFD205 -16G FHSFD205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	.375 9.50	21/32 16.7	25/64 10.0	2 25/32 70.6	1.14 29.0	1.063 27.00	0.295 7.50	5/16	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	FD-205-H
FHSFD206 -17G FHSFD206 -18G FHSFD206 -19G FHSFD206 -20G FHSFD206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 17/32 89.7	.469 11.90	13/16 20.6	15/32 11.9	3 5/16 84.1	1.30 32.9	1.181 30.00	0.354 9.00	3/8	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	FD-206-H
FHSFD207 -20G FHSFD207 -21G FHSFD207 -22G FHSFD207 -23G FHSFD207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 29/32 124.6	3 15/16 100.0	.484 12.30	7/8 22.2	15/32 11.9	3 11/16 93.7	1.37 34.8	1.260 32.00	0.374 9.50	3/8	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	FD-207-H

FHFD200-G Eccentric Locking Collar

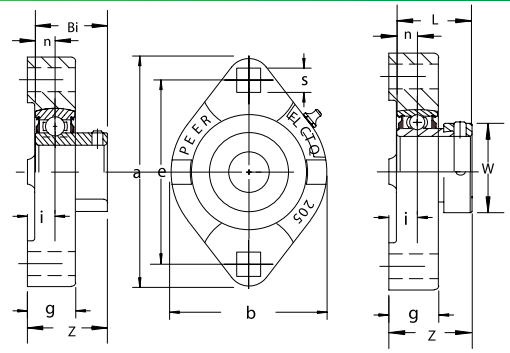
Unit No.	Shaft Diam.	a	e	i	g	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm												
FHFD201 -8G FHFD201 -12mmG FHFD202 -9G FHFD202 -10G FHFD202 -15mmG FHFD203 -11G FHFD203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81.0	2 15/32 62.7	.328 8.30	19/32 15.1	9/32 7.1	2 5/16 58.7	1.20 30.4	1.126 28.60	0.256 6.50	1.13 28.60	1/4	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	FD-203-H
FHFD204 -12G FHFD204 -20mmG	3/4 20mm	3 17/32 89.7	2 25/32 70.6	.375 9.50	21/32 16.7	25/64 10.0	2 3/4 69.7	1.30 33.0	1.220 31.00	0.295 7.50	1.26 32.00	5/16	FH204 -12G FH204 -20mmG	FD-204-H
FHFD205 -13G FHFD205 -14G FHFD205 -15G FHFD205 -16G FHFD205 -25mmG	13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	.375 9.50	21/32 16.7	25/64 10.0	2 25/32 70.6	1.30 33.0	1.220 31.00	0.295 7.50	1.50 38.10	5/16	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	FD-205-H
FHFD206 -17G FHFD206 -18G FHFD206 -19G FHFD206 -20G FHFD206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 17/32 89.7	.469 11.90	13/16 20.6	15/32 11.9	3 5/16 84.1	1.52 38.6	1.406 35.70	0.354 9.00	1.75 44.50	3/8	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	FD-206-H
FHFD207 -20G FHFD207 -21G FHFD207 -22G FHFD207 -23G FHFD207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 29/32 124.6	3 15/16 100.0	.484 12.30	7/8 22.2	15/32 11.9	3 11/16 93.7	1.64 41.7	1.531 38.90	0.374 9.50	2.19 55.60	3/8	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	FD-207-H

Bolt hole diameter ('s' dimension) can be drilled to your specifications

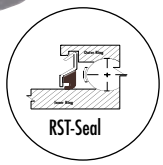
Flange Units – Ductile Flush 2 Bolt
FHSFLCTQ200-G / FHFLCTQ200-G Series

- Standard duty, high strength ductile iron
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83



FHSFLCTQ200-G FHFLCTQ200-G



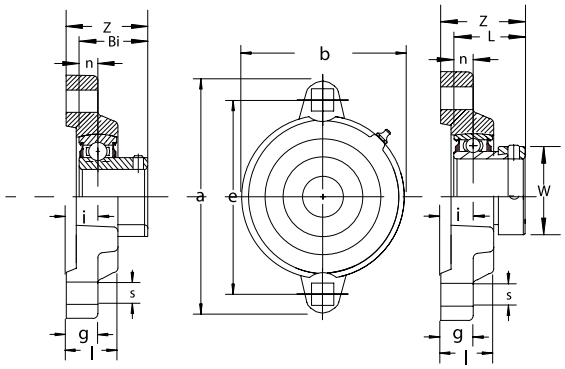
FHSFLCTQ200-G Set Screw Locking

Unit No.	Shaft Diam.	a	e	b	S1 Square	g	i	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm											
FHSFLCTQ201 -8G FHSFLCTQ201 -12mmG FHSFLCTQ202 -9G FHSFLCTQ202 -10G FHSFLCTQ202 -15mmG FHSFLCTQ203 -11G FHSFLCTQ203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81.0	2 1/2 63.5	2 5/16 58.7	9/32 7.1	37/64 14.7	19/64 7.5	0.93 23.5	0.886 22.50	0.256 6.50	1/4	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	FLCTQ-203-H
FHSFLCTQ204 -12G FHSFLCTQ204 -13G FHSFLCTQ204 -20mmG	3/4 13/16 20mm	3 9/16 90.5	2 13/16 71.4	2 5/8 66.7	3/8 9.5	43/64 17.1	21/64 8.3	1.02 25.8	0.984 25.00	0.295 7.50	5/16	FHS204 -12G FHS204 -13G FHS204 -20mmG	FLCTQ-204-H
FHSFLCTQ205 -12G FHSFLCTQ205 -13G FHSFLCTQ205 -14G FHSFLCTQ205 -15G FHSFLCTQ205 -16G FHSFLCTQ205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	2 51/64 71.0	3/8 9.5	11/16 17.5	11/32 8.7	1.11 28.2	1.063 27.00	0.295 7.50	5/16	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	FLCTQ-205-H
FHSFLCTQ206 -17G FHSFLCTQ206 -18G FHSFLCTQ206 -19G FHSFLCTQ206 -20G FHSFLCTQ206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	3 5/16 84.1	7/16 11.1	13/16 20.6	13/32 10.3	1.23 31.3	1.181 30.00	0.354 9.00	3/8	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	FLCTQ-206-H
FHSFLCTQ207 -20G FHSFLCTQ207 -21G FHSFLCTQ207 -22G FHSFLCTQ207 -23G FHSFLCTQ207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 15/16 125.4	3 15/16 100.0	3 11/16 93.7	7/16 11.1	7/8 22.2	7/16 11.1	1.32 33.6	1.260 32.00	0.374 9.50	3/8	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	FLCTQ-207-H

FHFLCTQ200-G Eccentric Locking Collar

Unit No.	Shaft Diam.	a	e	b	S Square	S Round	g	i	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in mm													
FHFLCTQ201 -8G FHFLCTQ201 -12mmG FHFLCTQ202 -9G FHFLCTQ202 -10G FHFLCTQ202 -15mmG FHFLCTQ203 -11G FHFLCTQ203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81.0	2 1/2 63.5	2 5/16 58.7	9/32 7.1	9/32 7.1	37/64 14.7	19/64 7.5	1.17 29.6	1.126 28.60	0.256 6.50	1.13 28.60	1/4	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	FLCTQ-203-H
FHFLCTQ204 -12G FHFLCTQ204 -20mmG	3/4 20mm	3 9/16 90.5	2 13/16 71.4	2 5/8 66.7	3/8 9.5	11/32 8.7	43/64 17.1	21/64 8.3	1.25 31.8	1.220 31.00	0.259 7.50	1.26 32.00	5/16	FH204 -12G FH204 -20mmG	FLCTQ-204-H
FHFLCTQ205 -13G FHFLCTQ205 -14G FHFLCTQ205 -15G FHFLCTQ205 -16G FHFLCTQ205 -25mmG	13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	2 51/64 71.0	3/8 9.5	11/32 8.7	11/16 17.5	11/32 8.7	1.27 32.2	1.220 31.00	0.259 7.50	1.50 38.10	5/16	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	FLCTQ-205-H
FHFLCTQ206 -17G FHFLCTQ206 -18G FHFLCTQ206 -19G FHFLCTQ206 -20G FHFLCTQ206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	3 5/16 84.1	7/16 11.1	13/32 10.3	13/16 20.6	13/32 10.3	1.46 37.0	1.406 35.70	0.354 9.00	1.75 44.50	3/8	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	FLCTQ-206-H
FHFLCTQ207 -20G FHFLCTQ207 -21G FHFLCTQ207 -22G FHFLCTQ207 -23G FHFLCTQ207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 15/16 125.4	3 15/16 100.0	3 11/16 93.7	7/16 11.1	13/32 10.3	7/8 22.2	7/16 11.1	1.59 40.5	1.531 38.90	0.374 9.50	2.19 55.60	3/8	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	FLCTQ-207-H

Flange Units – Ductile 2 Bolt
FHSFX200-G / FHFX200-G Series



FHSFX200-G FHFX200-G

- Standard duty, high strength ductile iron
- Narrow inner ring bearing
- Relubricatable unit (shown)
- Non-relubricatable unit available (omit "G" from unit part number)
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

FHSFX200-G Set Screw Locking

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
FHSFX201 -8G FHSFX201 -12mmG FHSFX202 -9G FHSFX202 -10G FHSFX202 -15mmG FHSFX203 -11G FHSFX203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81.0	2 1/2 63.5	.358 9.10	3/8 9.5	5/16 7.9	9/32 7.1	1 15/16 49.21	0.99 25.1	0.886 22.50	0.256 6.50	1/4	FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	FX-203-H
FHSFX204 -12G FHSFX204 -13G FHSFX204 -20mmG	3/4 13/16 20mm	3 9/16 90.5	2 13/16 71.4	.437 11.10	7/16 11.1	11/32 8.7	11/32 8.7	2 1/4 57.2	1.13 28.6	0.984 25.00	0.295 7.50	5/16	FHS204 -12G FHS204 -13G FHS204 -20mmG	FX-204-H
FHSFX205 -12G FHSFX205 -13G FHSFX205 -14G FHSFX205 -15G FHSFX205 -16G FHSFX205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	.437 11.10	7/16 11.1	25/64 9.9	11/32 8.7	2 1/2 63.5	1.20 30.6	1.063 27.00	0.295 7.50	5/16	FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	FX-205-H
FHSFX206 -17G FHSFX206 -18G FHSFX206 -19G FHSFX206 -20G FHSFX206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	.476 12.10	15/32 11.9	27/64 10.7	13/32 10.3	3 3/32 78.6	1.30 33.1	1.181 30.00	0.354 9.00	3/8	FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	FX-206-H
FHSFX207 -20G FHSFX207 -21G FHSFX207 -22G FHSFX207 -23G FHSFX207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122.2	3 15/16 100.0	.500 12.7	1/2 12.7	7/16 11.1	13/32 10.3	3 1/3 84.7	1.39 35.2	1.260 32.00	0.374 9.50	3/8	FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	FX-207-H

FHFX200-G Eccentric Locking Collar

Dimensions in / mm

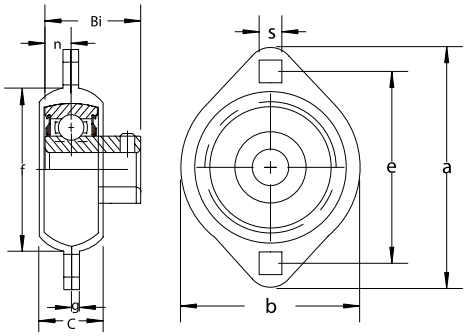
Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	L	n	W	Bolt Size In.	Bearing No.	Housing No.
FHFX201 -8G FHFX201 -12mmG FHFX202 -9G FHFX202 -10G FHFX202 -15mmG FHFX203 -11G FHFX203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81.0	2 1/2 63.5	.358 9.10	3/8 9.5	5/16 7.9	9/32 7.1	1 15/16 49.21	1.23 31.2	1.126 28.60	0.256 6.50	1.13 28.60	1/4	FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	FX-203-H
FHFX204 -12G FHFX204 -20mmG	3/4 20mm	3 9/16 90.5	2 13/16 71.4	.437 11.10	7/16 11.1	11/32 8.7	11/32 8.7	2 1/4 57.2	1.36 34.6	1.220 31.00	0.295 7.50	1.26 32.00	5/16	FH204 -12G FH204 -20mmG	FX-204-H
FHFX205 -13G FHFX205 -14G FHFX205 -15G FHFX205 -16G FHFX205 -25mmG	13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	.437 11.10	7/16 11.1	25/64 9.9	11/32 8.7	2 1/2 63.5	1.36 34.6	1.220 31.00	0.295 7.50	1.50 38.10	5/16	FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	FX-205-H
FHFX206 -17G FHFX206 -18G FHFX206 -19G FHFX206 -20G FHFX206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	.476 12.10	15/32 11.9	27/64 10.7	13/32 10.3	3 3/32 78.6	1.53 38.8	1.406 35.70	0.354 9.00	1.75 44.50	3/8	FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	FX-206-H
FHFX207 -20G FHFX207 -21G FHFX207 -22G FHFX207 -23G FHFX207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 13/16 122.2	3 15/16 100.0	.500 12.7	1/2 12.7	7/16 11.1	13/32 10.3	3 1/3 84.7	1.66 42.1	1.531 38.90	0.374 9.50	2.19 55.60	3/8	FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	FX-207-H

For reverse mounting, add suffix "REV" after unit number Example: FHSFX205-16G-REV

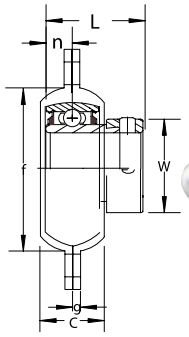
Flange Units – Pressed Steel 2 Bolt
FHSPFLZ200 / FHPFLZ200 Series

- Two light duty, self-aligning pressed steel housings
- Zinc plated stamped steel (shown)
- Non-plated, raw stamped steel available (FHSPFLR/FHPFLR Series)
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals

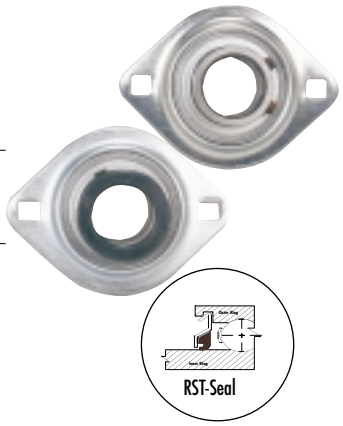
Optional seals: See page 83



FHSPFLZ200



FHPFLZ200



FHSPFLZ200 Set Screw Locking

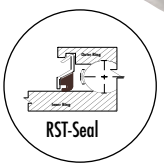
Unit No.	Shaft Diam.	a	e	g	c	s	b	f	Bi	n	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm											
FHSPFLZ201 -8 FHSPFLZ201 -12mm FHSPFLZ202 -9 FHSPFLZ202 -10 FHSPFLZ202 -15mm FHSPFLZ203 -11 FHSPFLZ203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81	2 1/2 64	.065 1.7	9/16 14	9/32 7	2 15/16 59	1 15/16 49	0.886 22.50	0.256 6.50	1/4	FHS201 -8 FHS201 -12mm FHS202 -9 FHS202 -10 FHS202 -15mm FHS203 -11 FHS203 -17mm	PFL-3Z
FHSPFLZ204 -12 FHSPFLZ204 -13 FHSPFLZ204 -20mm	3/4 13/16 20mm	3 9/16 90	2 13/16 71	.083 2.1	5/8 16	11/32 9	2 5/8 67	2 3/16 56	0.984 25.00	0.295 7.50	5/16	FHS204 -12 FHS204 -13 FHS204 -20mm	PFL-4Z
FHSPFLZ205 -12 FHSPFLZ205 -13 FHSPFLZ205 -14 FHSPFLZ205 -15 FHSPFLZ205 -16 FHSPFLZ205 -25mm	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95	3 76	.083 2.1	11/16 17	11/32 9	2 51/64 71	2 3/8 60	1.063 27.00	0.295 7.50	5/16	FHS205 -12 FHS205 -13 FHS205 -14 FHS205 -15 FHS205 -16 FHS205 -25mm	PFL-5Z
FHSPFLZ206 -17 FHSPFLZ206 -18 FHSPFLZ206 -19 FHSPFLZ206 -20 FHSPFLZ206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 113	3 9/16 90	.104 2.6	11/16 17	13/32 10	3 5/16 84	2 13/16 71	1.181 30.00	0.354 9.00	3/8	FHS206 -17 FHS206 -18 FHS206 -19 FHS206 -20 FHS206 -30mm	PFL-6Z
FHSPFLZ207 -20 FHSPFLZ207 -21 FHSPFLZ207 -22 FHSPFLZ207 -23 FHSPFLZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 15/16 125	3 15/16 100	.104 2.6	7/8 22	13/32 10	3 11/16 94	3 3/16 81	1.260 32.00	0.374 9.50	3/8	FHS207 -20 FHS207 -21 FHS207 -22 FHS207 -23 FHS207 -35mm	PFL-7Z

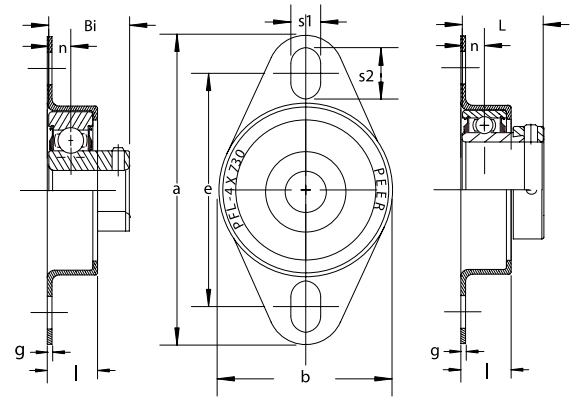
FHPFLZ200 Eccentric Locking Collar

Unit No.	Shaft Diam.	a	e	g	c	s	b	f	L	n	W	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm												
FHPFLZ201 -8 FHPFLZ201 -12mm FHPFLZ202 -9 FHPFLZ202 -10 FHPFLZ202 -15mm FHPFLZ203 -11 FHPFLZ203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 81	2 1/2 64	.065 1.7	9/16 14	9/32 7	2 15/16 59	1 15/16 49	1.126 28.60	0.256 6.50	1.13 28.60	1/4	FH201 -8 FH201 -12mm FH202 -9 FH202 -10 FH202 -15mm FH203 -11 FH203 -17mm	PFL-3Z
FHPFLZ204 -12 FHPFLZ204 -20mm	3/4 20mm	3 9/16 90	2 13/16 71	.083 2.1	5/8 16	11/32 9	2 5/8 67	2 3/16 56	1.220 31.00	0.295 7.50	1.26 32.00	5/16	FH204 -12 FH204 -20mm	PFL-4Z
FHPFLZ205 -13 FHPFLZ205 -14 FHPFLZ205 -15 FHPFLZ205 -16 FHPFLZ205 -25mm	13/16 7/8 15/16 1 25mm	3 3/4 95	3 76	.083 2.1	11/16 17	11/32 9	2 51/64 71	2 3/8 60	1.220 31.00	0.295 7.50	1.50 38.10	5/16	FH205 -13 FH205 -14 FH205 -15 FH205 -16 FH205 -25mm	PFL-5Z
FHPFLZ206 -17 FHPFLZ206 -18 FHPFLZ206 -19 FHPFLZ206 -20 FHPFLZ206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 113	3 9/16 90	.104 2.6	11/16 17	13/32 10	3 5/16 84	2 13/16 71	1.406 35.70	0.354 9.00	1.75 44.50	3/8	FH206 -17 FH206 -18 FH206 -19 FH206 -20 FH206 -30mm	PFL-6Z
FHPFLZ207 -20 FHPFLZ207 -21 FHPFLZ207 -22 FHPFLZ207 -23 FHPFLZ207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 15/16 125	3 15/16 100	.104 2.6	7/8 22	13/32 10	3 11/16 94	3 3/16 81	1.531 38.90	0.374 9.50	2.19 55.60	3/8	FH207 -20 FH207 -21 FH207 -22 FH207 -23 FH207 -35mm	PFL-7Z

Stamped housings can be made in AISI 304 stainless steel. Combine with stainless steel bearing for maximum corrosion resistance: Example: SSFHSPFL205-16

Flange Units–Rubber Insulated Pressed Steel 2 Bolt
FHSR200-4X700 / FHR200-4X700 Series





FHSR200-4X700 FHR200-4X700

- One piece, light duty pressed steel housing
- Conductive rubber bearing liner reduces noise/vibration and static electricity
- Flush mount style ideal in tight mounting areas
- Zinc plated stamped steel
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

FHSR200-4X700 Set Screw Locking

Unit No.	Shaft Diam.	Dimensions in / mm a	e	b	s1	s2	g	l	Bearing No.	Rubber Insulator No.	Housing No.
FHSR201 -8-4X728 FHSR201 -12m-4X728 FHSR202 -9-4X728 FHSR202 -10-4X728 FHSR202 -15m-4X728 FHSR203 -11-4X728 FHSR203 -17m-4X728	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 102	3 76	2 51	.391 10	.75 19	.0625 2	5/8 16	FHSR201 -8 FHSR201 -12mm FHSR202 -9 FHSR202 -10 FHSR202 -15mm FHSR203 -11 FHSR203 -17mm	RUBBER-4X728	PFL-4X728Z
FHSR204 -12-4X729 FHSR204 13-4X729 FHSR204 -20m-4X729	3/4 13/16 20mm	4 1/2 114	3 3/8 86	2 1/2 64	.451 11	.75 19	.0625 2	3/4 19	FHSR204 -12 FHSR204 -13 FHSR204 -20mm	RUBBER-4X729	PFL-4X730Z
FHSR205 -12-4X730 FHSR205 -13-4X730 FHSR205 -14-4X730 FHSR205 -15-4X730 FHSR205 -16-4X730 FHSR205 -25m-4X730	3/4 13/16 7/8 15/16 1 25mm	4 1/2 114	3 3/8 86	2 1/2 64	.451 11	.75 19	.0625 2	3/4 19	FHSR205 -12 FHSR205 -13 FHSR205 -14 FHSR205 -15 FHSR205 -16 FHSR205 -25mm	RUBBER-4X730	PFL-4X730Z

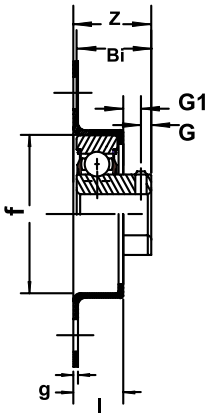
FHR200-4X700 Series Eccentric Locking Collar

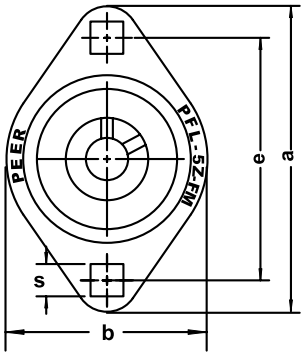
Unit No.	Shaft Diam.	Dimensions in / mm a	e	b	s1	s2	g	l	Bearing No.	Rubber Insulator No.	Housing No.
FHR201 -8-4X728 FHR201 -12m-4X728 FHR202 -9-4X728 FHR202 -10-4X728 FHR202 -15m-4X728 FHR203 -11-4X728 FHR203 -17m-4X728	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 102	3 76	2 51	.391 10	.75 19	.0625 2	5/8 16	FHR201 -8 FHR201 -12mm FHR202 -9 FHR202 -10 FHR202 -15mm FHR203 -11 FHR203 -17mm	RUBBER-4X728	PFL-4X728Z
FHR204 -12-4X729 FHR204 -20m-4X729	3/4 20mm	4 1/2 114	3 3/8 86	2 1/2 64	.451 11	.75 19	.0625 2	3/4 19	FHR204 -12 FHR204 -20mm	RUBBER-4X729	PFL-4X730Z
FHR205 -13-4X730 FHR205 -14-4X730 FHR205 -15-4X730 FHR205 -16-4X730 FHR205 -25m-4X730	13/16 7/8 15/16 1 25mm	4 1/2 114	3 3/8 86	2 1/2 64	.451 11	.75 19	.0625 2	3/4 19	FHR205 -13 FHR205 -14 FHR205 -15 FHR205 -16 FHR205 -25mm	RUBBER-4X730	PFL-4X730Z

Flange Units – Pressed Steel 2 Bolt
FHSR200-2FM / FHSR200-2NCFM Series

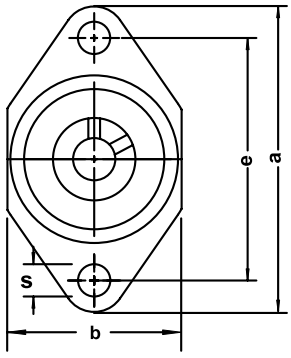
- One piece, light duty pressed steel housing
- Flush mount style ideal in tight mounting areas
- Zinc plated stamped steel
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83





FHSR200-2FM



FHSR200-2NCFM

FHSR200-2FM Set Screw Locking

Unit No.	Shaft Diam.	a	e	b	g	s	l	Z	Bi	G1	G	f	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm													
FHSR201 -8-2FM FHSR201 -12mm-2FM FHSR202 -9-2FM FHSR202 -10-2FM FHSR202 -15mm-2FM FHSR203 -11-2FM FHSR203 -17mm-2FM	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/16 80.96	2 1/2 63.5	2 5/16 58.74	.074 1.88	9/32 7.14	.591 15.0	0.96 24.38	0.89 22.50	.172 4.38	.197 5.0	1.5748 40.0	1/4	FHSR201 -8 FHSR201 -12mm FHSR202 -9 FHSR202 -10 FHSR202 -15mm FHSR203 -11 FHSR203 -17mm	PFL-3Z-FM
FHSR204 -12-2FM FHSR204 -13-2FM FHSR204 -20mm-2FM	3/4 13/16 20mm	3 9/16 90.5	2 13/16 71.4	2 5/8 66.7	.074 1.9	11/32 8.7	.591 15.0	1.06 26.90	0.98 25.00	.226 5.7	.177 4.5	1.8504 47.0	5/16	FHSR204 -12 FHSR204 -13 FHSR204 -20mm	PFL-4Z-FM
FHSR205 -12-2FM FHSR205 -13-2FM FHSR205 -14-2FM FHSR205 -15-2FM FHSR205 -16-2FM FHSR205 -25mm-2FM	3/4 13/16 7/8 15/16 1 25mm	3 3/4 95.3	3 76.2	2 51/64 71.0	.074 1.9	11/32 8.7	.682 17.3	1.14 28.90	1.06 27.00	.1922 4.9	.1968 5.0	2.0472 52.0	5/16	FHSR205 -12 FHSR205 -13 FHSR205 -14 FHSR205 -15 FHSR205 -16 FHSR205 -25mm	PFL-5Z-FM
FHSR206 -17-2FM FHSR206 -18-2FM FHSR206 -19-2FM FHSR206 -20-2FM FHSR206 -30mm-2FM	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	4 7/16 112.7	3 9/16 90.5	3 1/4 82.6	.089 2.3	13/32 10.3	.709 18.0	1.27 32.30	1.18 30.00	.2779 7.1	.285 7.24	2.4409 62.0	3/8	FHSR206 -17 FHSR206 -18 FHSR206 -19 FHSR206 -20 FHSR206 -30mm	PFL-6Z-FM

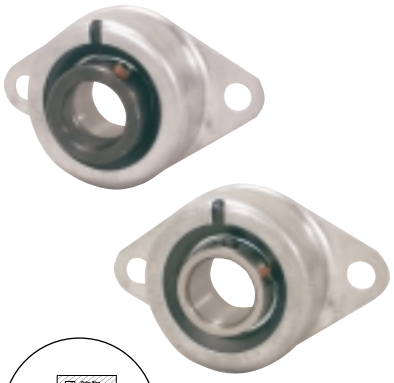
FHRS200-2NCFM Set Screw Locking

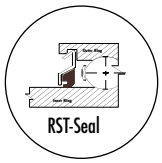
Unit No.	Shaft Diam.	a	e	b	g	s	l	Z	Bi	G1	G	f	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm													
FHSR205 -12-2NCFM FHSR205 -13-2NCFM FHSR205 -14-2NCFM FHSR205 -15-2NCFM FHSR205 -16-2NCFM FHSR205 -25m-2NCFM	3/4 13/16 7/8 15/16 1 25mm	4 1/8 104.8	3 1/4 82.6	2 1/4 57.2	.062 1.6	7/16 11.1	.661 16.8	1.13 28.60	1.06 27.00	.2132 4.9	.1968 5.0	2.0472 52.0	3/8	FHSR205 -12 FHSR205 -13 FHSR205 -14 FHSR205 -15 FHSR205 -16 FHSR205 -25mm	PFL-5Z-NCFM

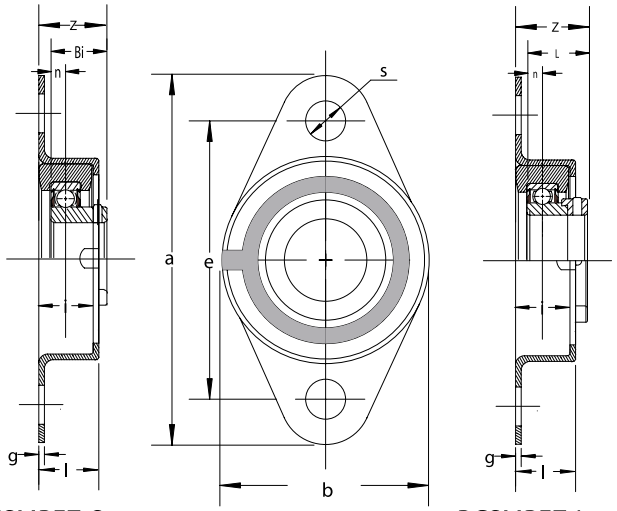
Unit also available in FHR locking collar style bearing:
Example FHR205-16-2FM or FHR205-16-2NCFM

Flange Units – Rubber Insulated Pressed Steel 2 Bolt

RCSMRFZ-S / RCSMRFZ-L Series







RCSMRFZ-S RCSMRFZ-L

- One piece, light duty pressed steel housing
- RSCM conductive rubber liner reduces noise/vibration
- Flush mount style ideal in tight mounting areas
- Zinc plated stamped steel
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

RCSMRFZ-S Set Screw Locking

Unit No.	Shaft Diam.	a	e	b1	b	g	i	l	s	Z	Bi	n	Bolt Size In.	Bearing No.	Rubber Insulator No.	Housing No.
		Dimensions in mm														
RCSMRFZ -8S RCSMRFZ -12mmS RCSMRFZ -9S RCSMRFZ -10S RCSMRFZ -15mmS RCSMRFZ -11S RCSMRFZ -17mmS	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 1/2 114	3 5/8 92	2 41/64 67	2 45/64 69	.083 2.1	17/32 13	1 1/16 27	7/16 11	1.14 29.00	0.886 22.50	0.256 6.50	3/8	FHSR201 -8 FHSR201 -12mm FHSR202 -9 FHSR202 -10 FHSR202 -15mm FHSR203 -11 FHSR203 -17mm	RCSM-10	RF-5Z
RCSMRFZ -12S RCSMRFZ -13S RCSMRFZ -20mmS	3/4 13/16 20mm	4 1/2 114	3 5/8 92	2 41/64 67	2 45/64 69	.083 2.1	17/32 13	1 1/16 27	7/16 11	1.20 30.50	0.984 25.00	0.295 7.50	3/8	FHSR204 -12 FHSR204 -13 FHSR204 -20mm	RCSM-12	RF-5Z
RCSMRFZ -12S RCSMRFZ -13S RCSMRFZ -14S RCSMRFZ -15S RCSMRFZ -16S RCSMRFZ -25mmS	3/4 13/16 7/8 15/16 1 25mm	4 1/2 114	3 5/8 92	2 41/64 67	2 45/64 69	.083 2.1	17/32 13	1 1/16 27	7/16 11	1.28 32.50	1.063 27.00	0.295 7.50	3/8	FHSR205 -12 FHSR205 -13 FHSR205 -14 FHSR205 -15 FHSR205 -16 FHSR205 -25mm	RCSM-16	RF-5Z
RCSMRFZ -17S RCSMRFZ -18S RCSMRFZ -19S RCSMRFZ -20S RCSMRFZ -30mmS	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 3/8 137	4 3/8 111	3 1/4 83	3 1/2 89	.083 2.1	41/64 16	1 1/4 32	1/2 13	1.46 37.00	1.181 30.00	0.354 9.00	7/16	FHSR206 -17 FHSR206 -18 FHSR206 -19 FHSR206 -20 FHSR206 -30mm	RCSM-19	RF-6Z

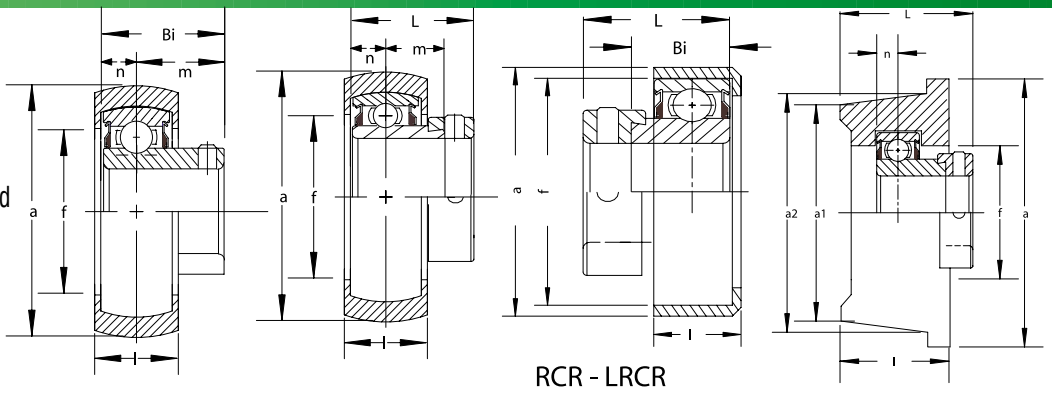
RCSMRFZ-L Eccentric Locking Collar

Unit No.	Shaft Diam.	a	e	b1	b	g	i	l	s	Z	L	n	Bolt Size In.	Bearing No.	Rubber Insulator No.	Housing No.
		Dimensions in mm														
RCSMRFZ -8L RCSMRFZ -12mmL RCSMRFZ -9L RCSMRFZ -10L RCSMRFZ -15mmL RCSMRFZ -11L RCSMRFZ -17mmL	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 1/2 114	3 5/8 92	2 41/64 67	2 45/64 69	.083 2.1	17/32 13	1 1/16 27	7/16 11	1.38 35.10	1.126 28.60	0.256 6.50	3/8	FHR201 -8 FHR201 -12mm FHR202 -9 FHR202 -10 FHR202 -15mm FHR203 -11 FHR203 -17mm	RCSM-10	RF-5Z
RCSMRFZ -12L RCSMRFZ -20mmL	3/4 20mm	4 1/2 114	3 5/8 92	2 41/64 67	2 45/64 69	.083 2.1	17/32 13	1 1/16 27	7/16 11	1.44 36.50	1.220 31.00	0.295 7.50	3/8	FHR204 -12 FHR204 -20mm	RCSM-12	RF-5Z
RCSMRFZ -13L RCSMRFZ -14L RCSMRFZ -15L RCSMRFZ -16L RCSMRFZ -25mmL	13/16 7/8 15/16 1 25mm	4 1/2 114	3 5/8 92	2 41/64 67	2 45/64 69	.083 2.1	17/32 13	1 1/16 27	7/16 11	1.44 36.50	1.220 31.00	0.295 7.50	3/8	FHR205 -13 FHR205 -14 FHR205 -15 FHR205 -16 FHR205 -25mm	RCSM-16	RF-5Z
RCSMRFZ -17L RCSMRFZ -18L RCSMRFZ -19L RCSMRFZ -20L RCSMRFZ -30mmL	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5 3/8 137	4 3/8 111	3 1/4 83	3 1/2 89	.083 2.1	41/64 16	1 1/4 32	1/2 13	1.68 42.70	1.406 35.70	0.354 9.00	7/16	FHR206 -17 FHR206 -18 FHR206 -19 FHR206 -20 FHR206 -30mm	RCSM-19	RF-6Z
LRCSMRFZ -17L LRCSMRFZ -18L LRCSMRFZ -19L LRCSMRFZ -20L	1 1/16 1 1/8 1 3/16 1 1/4	4 1/2 114	3 5/8 92	2 41/64 67	2 45/64 69	.083 2.1	17/32 1.3	1 1/16 27	7/16 11	0.83 21.00	1.031 26.20	0.256 6.50	3/8	FHRL6006 -17 FHRL6006 -18 FHRL6006 -19 FHRL6006 -20	LRCSM-19	RF-5Z

Rubber Interliner & Rubber Cartridge Units

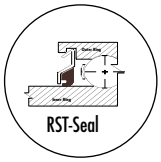
FHSBR200 / FHBR200 & LCR/LRCR/RCR Series

- Conductive rubber interliner
- Used to dissipate static and reduce noise/vibration
- FHSBR/ FHBR commonly assembled in pressed steel housings
- LCR/LRCR/RCR are cylindrically formed and used in many HVAC applications
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals



FHSBR200 FHBR200 RCR - LRCR LCR

Optional seals: See page 83



FHSBR Set Screw Locking

Unit No.	Shaft Diam.	a	f	l	Bi	n	m	Bearing No.	Rubber Insulator No.
		Dimensions in mm							
FHSBR201 -8 FHSBR201 -12mm FHSBR202 -9 FHSBR202 -10 FHSBR202 -15mm FHSBR203 -11 FHSBR203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.865 47.37	1 3/8 34.9	11/16 17.5	0.886 22.50	0.256 6.50	0.63 16.00	FHS201 -8 FHS201 -12mm FHS202 -9 FHS202 -10 FHS202 -15mm FHS203 -11 FHS203 -17mm	RUBBER-4
FHSBR204 -12 FHSBR204 -13 FHSBR204 -20mm	3/4 13/16 20mm	2.062 52.37	1 5/8 41.3	11/16 17.5	0.984 25.00	0.295 7.50	0.69 17.50	FHS204 -12 FHS204 -13 FHS204 -20mm	RUBBER-5
FHSBR205 -12 FHSBR205 -13 FHSBR205 -14 FHSBR205 -15 FHSBR205 -16 FHSBR205 -25mm	3/4 13/16 7/8 15/16 1 25mm	2.456 62.38	1 27/32 46.8	13/16 20.6	1.063 27.00	0.295 7.50	0.77 19.50	FHS205 -12 FHS205 -13 FHS205 -14 FHS205 -15 FHS205 -16 FHS205 -25mm	RUBBER-6
FHSBR206 -17 FHSBR206 -18 FHSBR206 -19 FHSBR206 -20 FHSBR206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.848 72.34	2.436 61.9	27/32 21.4	1.181 30.00	0.354 9.00	0.83 21.00	FHS206 -17 FHS206 -18 FHS206 -19 FHS206 -20 FHS206 -30mm	RUBBER-7

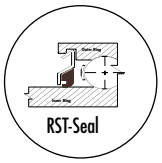
FHBR Eccentric Locking Collar

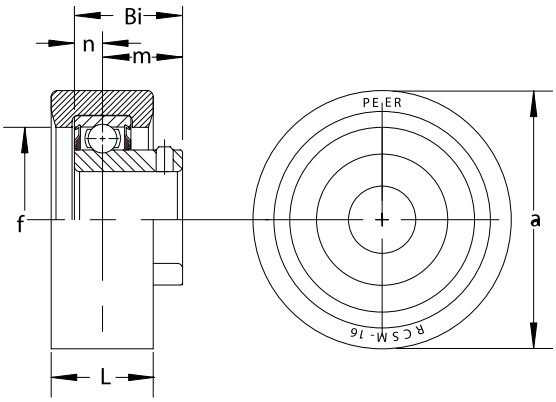
Unit No.	Shaft Diam.	a	f	l	L	n	m	Bearing No.	Rubber Insulator No.
		Dimensions in mm							
FHBR201 -8 FHBR201 -12mm FHBR202 -9 FHBR202 -10 FHBR202 -15mm FHBR203 -11 FHBR203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.865 47.37	1 3/8 34.9	11/16 17.5	1.126 28.60	0.256 6.50	0.49 12.55	FH201 -8 FH201 -12mm FH202 -9 FH202 -10 FH202 -15mm FH203 -11 FH203 -17mm	RUBBER-4
FHBR204 -12 FHBR204 -20mm	3/4 20mm	2.062 52.37	1 5/8 41.3	11/16 17.5	1.220 31.00	0.295 7.50	0.55 13.91	FH204 -12 FH204 -20mm	RUBBER-5
FHBR205 -13 FHBR205 -14 FHBR205 -15 FHBR205 -16 FHBR205 -25mm	13/16 7/8 15/16 1 25mm	2.456 62.38	1 27/32 46.8	13/16 20.6	1.220 31.00	0.295 7.50	0.55 14.00	FH205 -13 FH205 -14 FH205 -15 FH205 -16 FH205 -25mm	RUBBER-6
FHBR206 -17 FHBR206 -18 FHBR206 -19 FHBR206 -20 FHBR206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.848 72.34	2.436 61.9	27/32 21.4	1.406 35.70	0.354 9.00	0.58 14.82	FH206 -17 FH206 -18 FH206 -19 FH206 -20 FH206 -30mm	RUBBER-7

LRC/LRCR/RCR Eccentric Locking Collar

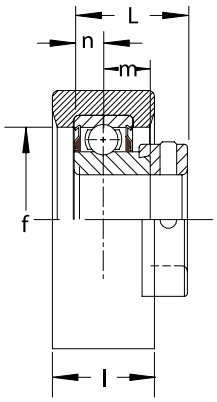
Unit No.	Shaft Diam.	a	a1	a2	f	l	L	n	Bearing No.	Rubber Insulator No.
		Dimensions in mm								
LCR -13L LCR -14L LCR -15L LCR -16L	13/16 7/8 15/16 1	3.44 87.38	3.22 81.8	3.28 83.3	1.850 47.0	.990 25.1	1.00 25.40	0.236 6.00	FHRL6005 -13 FHRL6005 -14 FHRL6005 -15 FHRL6005 -16	LCR-16
LRCR -12L	3/4	1.8125 46.04			1.375 34.9	.7180 18.2	0.97 24.60	0.236 6.00	FHRL6004 -12	LRCR-12
RCR -13L RCR -14L RCR -15L RCR -16L RCR -25mml	13/16 7/8 15/16 1 25mm	2.250 57.15			2.00 50.8	.7813 19.8	1.22 31.00	0.295 7.50	FHR205 -13 FHR205 -14 FHR205 -15 FHR205 -16 FHR205 -25mm	RCR-16

Rubber Cartridge Units Narrow Inner Ring Bearing
RCSM-S / RCSM-L & LRCSM-L Series





RCSM-S



RCSM-L & LRCSM-L

- Cylindrical cartridge interliner made of conductive rubber
- Used to dissipate static and reduce noise/vibration
- Used in many fan, blower and other HVAC applications
- Narrow inner ring bearing
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

RCSM-S Set Screw Locking

Unit No.	Shaft Diam.	a	f	l	Bi	n	m	Recommended Housing Fit	Bearing No.	Rubber Insert No.
		Dimensions in mm								
RCSM -8S RCSM -12mmS RCSM -9S RCSM -10S RCSM -15mmS RCSM -11S RCSM -17mmS	1/2 12mm 9/16 5/8 15mm 11/16 17mm	2 17/32 64.29	1 3/8 35.00	1 25.4	0.886 22.50	0.256 6.50	0.63 16.00	Diameter 'a' +.005"	FHSR201 -8 FHSR201 -12mm FHSR202 -9 FHSR202 -10 FHSR202 -15mm FHSR203 -11 FHSR203 -17mm	RCSM-10
RCSM -12S RCSM -13S RCSM -20mmS	3/4 13/16 20mm	2 17/32 64.29	1.580 40.10	1 25.4	0.984 25.00	0.295 7.50	0.69 17.50	Diameter 'a' +.005"	FHSR204 -12 FHSR204 -13 FHSR204 -20mm	RCSM-12
RCSM -12S RCSM -13S RCSM -14S RCSM -15S RCSM -16S RCSM -25mmS	3/4 13/16 7/8 15/16 1 25mm	2 17/32 64.29	1.811 46.00	1 25.4	1.063 27.00	0.295 7.50	0.77 19.50	Diameter 'a' +.005"	FHSR205 -12 FHSR205 -13 FHSR205 -14 FHSR205 -15 FHSR205 -16 FHSR205 -25mm	RCSM-16
RCSM -17S RCSM -18S RCSM -19S RCSM -20S RCSM -30mmS	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3 3/32 78.58	1 7/8 47.6	1 3/16 30.2	1.181 30.00	0.354 9.00	0.83 21.00	Diameter 'a' +.005"	FHSR206 -17 FHSR206 -18 FHSR206 -19 FHSR206 -20 FHSR206 -30mm	RCSM-19

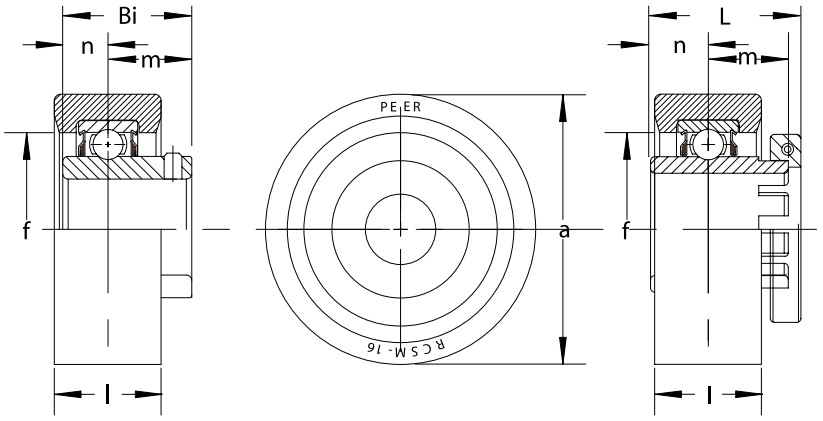
RCSM-L / LRCSM-L Eccentric Locking Collar

Unit No.	Shaft Diam.	a	f	l	L	n	m	Recommended Housing Fit	Bearing No.	Rubber Insert No.
		Dimensions in mm								
RCSM -8L RCSM -12mmL RCSM -9L RCSM -10L RCSM -15mmL RCSM -11L RCSM -17mmL	1/2 12mm 9/16 5/8 15mm 11/16 17mm	2 17/32 64.29	1 3/8 35.00	1 25.4	1.126 28.60	0.256 6.50	0.49 12.55	Diameter 'a' +.005"	FHR201 -8 FHR201 -12mm FHR202 -9 FHR202 -10 FHR202 -15mm FHR203 -11 FHR203 -17mm	RCSM-10
RCSM -12L RCSM -20mmL	3/4 20mm	2 17/32 64.29	1.580 40.10	1 25.4	1.220 31.00	0.295 7.50	0.55 13.91	Diameter 'a' +.005"	FHR204 -12 FHR204 -20mm	RCSM-12
RCSM -13L RCSM -14L RCSM -15L RCSM -16L RCSM -25mmL	13/16 7/8 15/16 1 25mm	2 17/32 64.29	1.811 46.00	1 25.4	1.220 31.00	0.295 7.50	0.55 14.00	Diameter 'a' +.005"	FHR205 -13 FHR205 -14 FHR205 -15 FHR205 -16 FHR205 -25mm	RCSM-16
RCSM -17L RCSM -18L RCSM -19L RCSM -20L RCSM -30mmL	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3 3/32 78.58	1 7/8 47.6	1 3/16 30.2	1.406 35.70	0.354 9.00	0.58 14.82	Diameter 'a' +.005"	FHR206 -17 FHR206 -18 FHR206 -19 FHR206 -20 FHR206 -30mm	RCSM-19
LRCSM -17L LRCSM -18L LRCSM -19L LRCSM -20L	1 1/16 1 1/8 1 3/16 1 1/4	2 17/32 64.29	1 7/8 47.6	1 25.4	1.031 26.20	0.256 6.50	0.46 11.80	Diameter 'a' +.005"	FHRL6006 -17 FHRL6006 -18 FHRL6006 -19 FHRL6006 -20	LRCSM-19

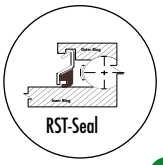
Rubber Cartridge Units Wide Inner Ring Bearing
RCSM-UCR / RCSM-GRR Series

- Cylindrical cartridge interliner made of conductive rubber
- Used to dissipate static and reduce noise/vibration
- Used in many fan, blower and other HVAC applications
- Wide inner ring bearing for increased shaft support
- Bearings have black oxide plated inner and outer rings
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83



RCSM-UCR RCSM-GRR



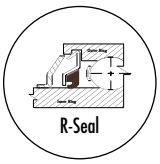
RCSM-UCR Set Screw Locking

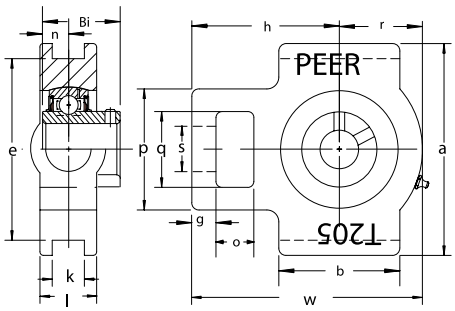
Unit No.	Shaft Diam.	a	f	l	Bi	n	m	Recommended Housing Fit	Bearing No.	Rubber Insert No.
		Dimensions in / mm								
RCSM -8UCSR RCSM -10UCSR	1/2 5/8	2 17/32 64.29	1 3/8 35.00	1 25.4	1.024 26.00	0.394 10.00	0.63 16.00	Diameter 'a' +.005"	UCSR201 -8 UCSR202 -10	RCSM-10
RCSM -8UCR RCSM -10UCR	1/2 5/8	2 17/32 64.29	1.580 40.10	1 25.4	1.220 31.00	0.500 12.70	0.72 18.30	Diameter 'a' +.005"	UCR201 -8 UCR202 -10	RCSM-12
RCSM -12UCR RCSM -20mm-UCR	3/4 20mm	2 17/32 64.29	1.580 40.10	1 25.4	1.220 31.00	0.500 12.70	0.72 18.30	Diameter 'a' +.005"	UCR204 -12 UCR204 -20mm	RCSM-12
RCSM -14UCR RCSM -15UCR RCSM -16UCR RCSM -25mm-UCR	7/8 15/16 1 25mm	2 17/32 64.29	1.811 46.00	1 25.4	1.339 34.00	0.563 14.30	0.78 19.70	Diameter 'a' +.005"	UCR205 -14 UCR205 -15 UCR205 -16 UCR205 -25mm	RCSM-16
RCSM -17UCR RCSM -18UCR RCSM -19UCR RCSM -20SUCR RCSM -30mm-UCR	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3 3/32 78.58	1 7/8 47.6	1 3/16 30.2	1.500 38.10	0.626 15.90	0.87 22.20	Diameter 'a' +.005"	UCR206 -17 UCR206 -18 UCR206 -19 UCR206 -20 UCR206 -30mm	RCSM-19

RCSM-GRR GRIP-IT 360 Degree Locking

Unit No.	Shaft Diam.	a	f	l	Bi	n	m	Recommended Housing Fit	Bearing No.	Rubber Insert No.
		Dimensions in / mm								
RCSM -8GRR RCSM -10GRR	1/2 5/8	2 17/32 64.29	1.580 40.10	1 25.4	1.220 31.00	0.500 12.70	0.72 18.30	Diameter 'a' +.005"	GRR201 -8 GRR202 -10	RCSM-12
RCSM -12GRR RCSM -20mm-GRR	3/4 20mm	2 17/32 64.29	1.580 40.10	1 25.4	1.220 31.00	0.500 12.70	0.72 18.30	Diameter 'a' +.005"	GRR204 -12 GRR204 -20mm	RCSM-12
RCSM -14GRR RCSM -15GRR RCSM -16GRR RCSM -25mm-GRR	7/8 15/16 1 25mm	2 17/32 64.29	1.811 46.00	1 25.4	1.358 34.50	0.563 14.30	0.80 20.20	Diameter 'a' +.005"	GRR205 -14 GRR205 -15 GRR205 -16 GRR205 -25mm	RCSM-16
RCSM -17GRR RCSM -18GRR RCSM -19GRR RCSM -20GRR RCSM -30mm-GRR	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3 3/32 78.58	1 7/8 47.6	1 3/16 30.2	1.500 38.10	0.626 15.90	0.87 22.20	Diameter 'a' +.005"	GRR206 -17 GRR206 -18 GRR206 -19 GRR206 -20 GRR206 -30mm	RCSM-19

Take Up Units
UCT200 Series Set Screw Locking





- Standard duty, high-grade cast iron
- Slot width must be specified when ordering
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	o	g	p	q	s	b	K	e	a	w	j	l	r	h	Bi	n	Bearing No.	Housing No.
UCT201 -8 UCT201 -12mm UCT202 -9 UCT202 -10 UCT202 -15mm UCT203 -11 UCT203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	5/8 15.9	13/32 10.3	2 50.8	1 1/4 31.8	3/4 19.1	2 50.8	17/32 13.5	3 76.2	3 1/2 88.9	3 23/32 94.4	1 1/4 31.8	13/16 20.6	1 5/16 33.3	2 13/32 61.1	1.220 31.00	0.500 12.70	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	T-204-H
UCT204 -12 UCT204 -13 UCT204 -20mm	3/4 13/16 20mm	5/8 15.9	13/32 10.3	2 50.8	1 1/4 31.8	3/4 19.1	2 50.8	17/32 13.5	3 76.2	3 1/2 88.9	3 23/32 94.4	1 1/4 31.8	13/16 20.6	1 5/16 33.3	2 13/32 61.1	1.220 31.00	0.500 12.70	UC204 -12 UC204 -13 UC204 -20mm	T-204-H
UCT205 -13 UCT205 -14 UCT205 -15 UCT205 -16 UCT205 -25mm	13/16 7/8 15/16 1 25mm	5/8 15.9	13/32 10.3	2 50.8	1 1/4 31.8	3/4 19.1	2 50.8	17/32 13.5	3 76.2	3 1/2 88.9	3 13/16 96.8	1 1/4 31.8	15/16 23.8	1 3/8 34.9	2 7/16 61.9	1.339 34.00	0.563 14.30	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	T-205-H
UCT206 -17 UCT206 -18 UCT206 -19 UCT206 -20 UCT206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5/8 15.9	13/32 10.3	2 7/32 56.4	1 15/32 37.3	55/64 21.8	2 1/4 57.2	17/32 13.5	3 1/2 88.9	4 1/32 102.4	4 7/16 112.8	1 15/32 37.3	1 3/32 27.8	1 11/16 42.9	2 3/4 69.9	1.500 38.10	0.626 15.90	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	T-206-H
UCT207 -20 UCT207 -21 UCT207 -22 UCT207 -23 UCT207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	5/8 15.9	1/2 12.7	2 17/32 64.3	1 15/32 37.3	55/64 21.8	2 17/32 64.3	17/32 13.5	3 1/2 88.9	4 1/32 102.4	5 1/16 128.8	1 15/32 37.3	1 3/16 30.2	2 51.0	3 1/16 77.8	1.689 42.90	0.689 17.50	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	T-207-H
UCT208 -24 UCT208 -25 UCT208 -40mm	1 1/2 1 9/16 40mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 9/32 83.3	11/16 17.5	4 1/64 102.0	4 1/2 114.3	5 11/16 144.5	1 15/16 49.2	1 5/16 33.3	2 27/32 56.4	3 15/32 88.1	1.937 49.20	0.748 19.00	UC208 -24 UC208 -25 UC208 -40mm	T-208-H
UCT209 -26 UCT209 -27 UCT209 -28 UCT209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 9/32 83.3	11/16 17.5	4 1/64 102.0	4 19/32 116.7	5 11/16 144.5	1 15/16 49.2	1 3/8 34.9	2 1/4 57.2	3 7/16 87.3	1.937 49.20	0.748 19.00	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	T-209-H
UCT210 -29 UCT210 -30 UCT210 -31 UCT210 -32 UCT210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 3/8 85.7	11/16 17.5	4 1/64 102.0	4 19/32 116.7	5 27/32 148.4	1 15/16 49.2	1 15/32 37.3	2 5/16 58.7	3 17/32 89.7	2.031 51.60	0.748 19.00	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	T-210-H
UCT211 -32 UCT211 -33 UCT211 -34 UCT211 -35 UCT211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	1 25.4	3/4 19.1	4 1/32 102.4	2 17/32 64.3	1 3/8 34.9	3 3/4 95.3	.866 22.0	5 1/8 130.2	5 3/4 146.1	6 3/4 171.5	2 17/32 64.3	1 1/2 38.1	2 9/16 65.1	4 3/16 106.4	2.189 55.60	0.874 22.20	UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	T-211-H
UCT212 -36 UCT212 -37 UCT212 -38 UCT212 -39 UCT212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	1 1/4 31.8	3/4 19.1	4 1/32 102.4	2 17/32 64.3	1 3/8 34.9	4 1/32 102.4	.866 22.0	5 1/8 130.2	5 3/4 146.1	7 5/8 193.7	2 17/32 64.3	1 21/32 42.1	2 15/16 74.6	4 11/16 119.1	2.563 65.10	1.000 25.40	UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	T-212-H
UCT213 -40 UCT213 -41 UCT213 -65mm	2 1/2 2 9/16 65mm	1 1/4 31.8	13/16 20.6	4 3/8 111.1	2 3/4 69.9	1 39/64 40.9	4 3/4 120.7	17/16 27.0	5 15/16 150.8	6 9/16 166.7	8 27/32 224.6	2 3/4 69.9	1 23/32 43.7	3 7/16 87.3	5 13/32 137.3	2.563 65.10	1.000 25.40	UC213 -40 UC213 -41 UC213 -65mm	T-213-H
UCT214 -42 UCT214 -43 UCT214 -44 UCT214 -70mm	2 5/8 2 11/16 2 3/4 70mm	1 1/4 31.8	13/16 20.6	4 3/8 111.1	2 3/4 69.9	1 39/64 40.9	4 3/4 120.7	17/16 27.0	5 15/16 150.8	6 9/16 166.7	8 27/32 224.6	2 3/4 69.9	1 13/16 46.0	3 7/16 87.3	5 13/32 137.3	2.937 74.60	1.189 30.20	UC214 -42 UC214 -43 UC214 -44 UC214 -70mm	T-214-H
UCT215 -45 UCT215 -46 UCT215 -47 UCT215 -48 UCT215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	1 1/4 31.8	13/16 20.6	4 3/8 111.1	2 3/4 69.9	1 39/64 40.9	4 3/4 120.7	17/16 27.0	5 15/16 150.8	6 9/16 166.7	9 1/8 231.8	2 3/4 69.9	1 7/8 47.6	3 5/8 92.1	5 1/2 139.7	3.063 77.80	1.311 33.30	UC215 -45 UC215 -46 UC215 -47 UC215 -48 UC215 -75mm	T-215-H
UCT216 -50 UCT216 -80mm	3 1/8 80mm	1 1/4 31.8	13/16 20.6	4 3/8 111.1	2 3/4 69.9	1 39/64 40.9	4 3/4 120.7	17/16 27.0	6 1/2 165.1	7 1/4 184.2	9 1/4 235.0	2 3/4 69.9	2 50.8	3 3/4 95.3	5 1/2 139.7	3.252 82.60	1.311 33.30	UC216 -50 UC216 -80mm	T-216-H

1. T series housings can also be combined with the following insert bearings: HC, FH, FHS or GR: Example HCT205-16-17/32 or FHT205-16-17/32

2. Slot width ('K' dimension) can be made to your specification upon request. See page 129 for suggested options.

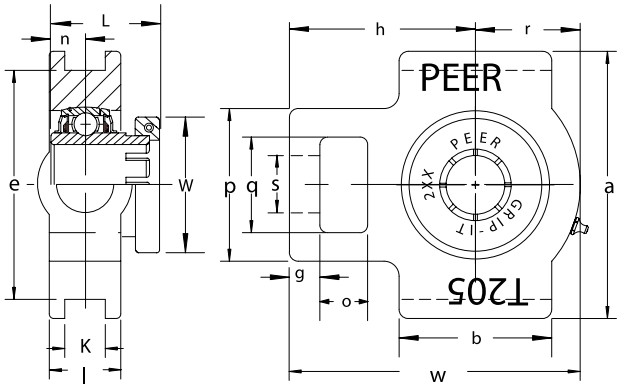
3. Specify slot width when ordering the complete unit: Example UCT205-17-17/32

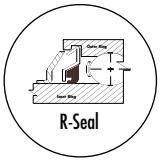
4. Specify slot width when ordering the housing only: Example: T-205-H-17/32

Take Up Units
GRT200 Series GRIP-IT 360 Degree Locking

- Standard duty, high-grade cast iron
- Slot width must be specified when ordering
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Black oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83



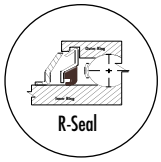


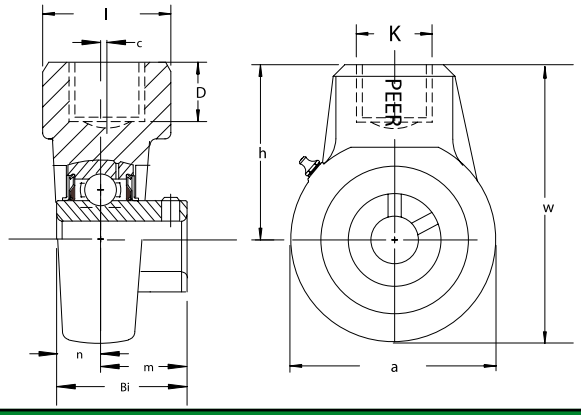
Dimensions in / mm

Unit No.	Shaft Diam.	o	g	p	q	s	b	K	e	a	w	j	l	r	h	L	n	W	Bearing No.	Housing No.
GRT204 -12 GRT204 -13 GRT204 -20mm	3/4 13/16 20mm	5/8 15.9	13/32 10.3	2 50.8	1 1/4 31.8	3/4 19.1	2 50.8	17/32 13.5	3 76.2	3 1/2 88.9	3 23/32 94.4	1 1/4 31.8	13/16 20.6	1 5/16 33.3	2 13/32 61.1	1.374 34.90	0.500 12.70	1.76 44.60	GR204 -12 GR204 -13 GR204 -20mm	T-204-H
GRT205 -13 GRT205 -14 GRT205 -15 GRT205 -16 GRT205 -25mm	13/16 7/8 15/16 1 25mm	5/8 15.9	13/32 10.3	2 50.8	1 1/4 31.8	3/4 19.1	2 50.8	17/32 13.5	3 76.2	3 1/2 88.9	3 13/16 96.8	1 1/4 31.8	15/16 23.8	1 3/8 34.9	2 7/16 61.9	1.512 38.40	0.563 14.30	1.94 49.20	GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	T-205-H
GRT206 -17 GRT206 -18 GRT206 -19 GRT206 -20 GRT206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	5/8 15.9	13/32 10.3	2 7/32 56.4	1 15/32 37.3	55/64 21.8	2 1/4 57.2	17/32 13.5	3 1/2 88.9	4 1/32 102.4	4 7/16 112.8	1 15/32 37.3	1 3/32 27.8	1 11/16 42.9	2 3/4 69.9	1.650 41.90	0.626 15.90	2.19 55.50	GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	T-206-H
GRT207 -20 GRT207 -21 GRT207 -22 GRT207 -23 GRT207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	5/8 15.9	1/2 12.7	2 17/32 64.3	1 15/32 37.3	55/64 21.8	2 17/32 64.3	17/32 13.5	3 1/2 88.9	4 1/32 102.4	5 1/16 128.8	1 15/32 37.3	1 3/16 30.2	2 51.0	3 1/16 77.8	1.870 47.50	0.689 17.50	2.57 65.40	GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	T-207-H
GRT208 -24 GRT208 -25 GRT208 -40mm	1 1/2 1 9/16 40mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 9/32 83.3	11/16 17.5	4 1/64 102.0	4 1/2 114.3	5 11/16 144.5	1 15/16 49.2	1 5/16 33.3	2 27/32 56.4	3 15/32 88.1	2.114 53.70	0.748 19.00	2.69 68.40	GR208 -24 GR208 -25 GR208 -40mm	T-208-H
GRT209 -26 GRT209 -27 GRT209 -28 GRT209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 9/32 83.3	11/16 17.5	4 1/64 102.0	4 19/32 116.7	5 11/16 144.5	1 15/16 49.2	1 3/8 34.9	2 1/4 57.2	3 7/16 87.3	2.122 53.90	0.748 19.00	2.93 74.50	GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	T-209-H
GRT210 -29 GRT210 -30 GRT210 -31 GRT210 -32 GRT210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 3/8 85.7	11/16 17.5	4 1/64 102.0	4 19/32 116.7	5 27/32 148.4	1 15/16 49.2	1 15/32 37.3	2 5/16 58.7	3 17/32 89.7	2.268 57.60	0.748 19.00	3.39 86.00	GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	T-210-H
GRT211 -32 GRT211 -33 GRT211 -34 GRT211 -35 GRT211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	1 25.4	3/4 19.1	4 1/32 102.4	2 17/32 64.3	1 3/8 34.9	3 3/4 95.3	.866 22.0	5 1/8 130.2	5 3/4 146.1	6 3/4 171.5	2 17/32 64.3	1 1/2 38.1	2 9/16 65.1	4 3/16 106.4	2.429 61.70	0.874 22.20	3.50 89.00	GR211 -32 GR211 -33 GR211 -34 GR211 -35 GR211 -55mm	T-211-H
GRT212 -36 GRT212 -37 GRT212 -38 GRT212 -39 GRT212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	1 1/4 31.8	3/4 19.1	4 1/32 102.4	2 17/32 64.3	1 3/8 34.9	4 1/32 102.4	.866 22.0	5 1/8 130.2	5 3/4 146.1	7 5/8 193.7	2 17/32 64.3	1 21/32 42.1	2 15/16 74.6	4 11/16 119.1	2.846 72.30	1.000 25.40	4.06 103.00	GR212 -36 GR212 -37 GR212 -38 GR212 -39 GR212 -60mm	T-212-H
GRT213 -40 GRT213 -41 GRT213 -65mm	2 1/2 2 9/16 65mm	1 1/4 31.8	13/16 20.6	4 3/8 111.1	2 3/4 69.9	1 39/64 40.9	4 3/4 120.7	17/16 27.0	5 15/16 150.8	6 9/16 166.7	8 27/32 224.6	2 3/4 69.9	1 23/32 43.7	3 7/16 87.3	5 13/32 137.3	2.846 72.30	1.000 25.40	4.11 104.50	GR213 -40 GR213 -41 GR213 -65mm	T-213-H
GRT214 -42 GRT214 -43 GRT214 -44 GRT214 -70mm	2 5/8 2 11/16 2 3/4 70mm	1 1/4 31.8	13/16 20.6	4 3/8 111.1	2 3/4 69.9	1 39/64 40.9	4 3/4 120.7	17/16 27.0	5 15/16 150.8	6 9/16 166.7	8 27/32 224.6	2 3/4 69.9	1 13/16 46.0	3 7/16 87.3	5 13/32 137.3	3.220 81.80	1.189 30.20	4.39 111.50	GR214 -42 GR214 -43 GR214 -44 GR214 -70mm	T-214-H
GRT215 -45 GRT215 -46 GRT215 -47 GRT215 -48 GRT215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	1 1/4 31.8	13/16 20.6	4 3/8 111.1	2 3/4 69.9	1 39/64 40.9	4 3/4 120.7	17/16 27.0	5 15/16 150.8	6 9/16 166.7	9 1/8 231.8	2 3/4 69.9	1 7/8 47.6	3 5/8 92.1	5 1/2 139.7	3.358 85.30	1.311 33.30	4.65 118.00	GR215 -45 GR215 -46 GR215 -47 GR215 -48 GR215 -75mm	T-215-H

1. Slot width ('K' dimension) can be made to your specification upon request. See page 129 for suggested options.
2. Specify slot width when ordering the complete unit: Example: GRT205-17-17/32
3. Specify slot width when ordering the housing only: Example: T-205-H-17/32

Hanger Bearing Units
UCHA200 Series Set Screw Locking





- Standard duty, high-grade cast iron
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

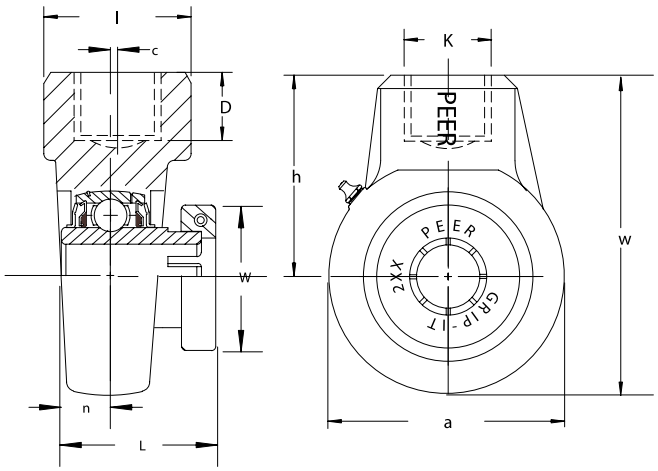
Unit No.	Shaft Diam.	a	w	c	h	I	D	K	Bi	n	m	Bearing No.	Housing No.
UCHA201 -8 UCHA201 -12mm UCHA202 -9 UCHA202 -10 UCHA202 -15mm UCHA203 -11 UCHA203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	2 17/32 64.3	3 25/32 96.0	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.220 31.00	0.500 12.70	0.72 18.30	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	HA-204-H
UCHA204 -12 UCHA204 -13 UCHA204 -20mm	3/4 13/16 20mm	2 17/32 64.3	3 25/32 96.0	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.220 31.00	0.500 12.70	0.72 18.30	UC204 -12 UC204 -13 UC204 -20mm	HA-204-H
UCHA205 -13 UCHA205 -14 UCHA205 -15 UCHA205 -16 UCHA205 -25mm	13/16 7/8 15/16 1 25mm	3 1/16 77.8	4 1/16 103.2	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.339 34.00	0.563 14.30	0.78 19.70	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	HA-205-H
UCHA206 -17 UCHA206 -18 UCHA206 -19 UCHA206 -20 UCHA206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3 1/16 77.8	4 1/16 103.2	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.500 38.10	0.626 15.90	0.87 22.20	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	HA-206-H
UCHA207 -20 UCHA207 -21 UCHA207 -22 UCHA207 -23 UCHA207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	3 5/8 92.1	4 9/16 115.9	0 0	2 3/4 69.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.689 42.90	0.689 17.50	1.00 25.40	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	HA-207-H
UCHA208 -24 UCHA208 -25 UCHA208 -40mm	1 1/2 1 9/16 40mm	3 25/32 96.0	4 3/4 120.7	5/64 2.0	2 7/8 73.0	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.937 49.20	0.748 19.00	1.19 30.20	UC208 -24 UC208 -25 UC208 -40mm	HA-208-H
UCHA209 -26 UCHA209 -27 UCHA209 -28 UCHA209 -45mm	1 5/8 1 11/16 1 3/4 45mm	4 1/4 108.0	5 11/32 135.7	13/64 5.2	3 15/64 82.2	1 7/8 47.6	13/16 20.6	NPSM-1	1.937 49.20	0.748 19.00	1.19 30.20	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	HA-209-H
UCHA210 -29 UCHA210 -30 UCHA210 -31 UCHA210 -32 UCHA210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	4 21/32 118.3	5 19/32 142.1	13/64 5.2	3 17/64 82.9	1 7/8 47.6	13/16 20.6	NPSM-1	2.031 51.60	0.748 19.00	1.28 32.60	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	HA-210-H
UCHA211 -32 UCHA211 -33 UCHA211 -34 UCHA211 -35 UCHA211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	4 31/32 126.0	5 29/32 150.0	9/32 7.1	3 27/32 86.9	2 3/8 60.3	1 25.4	NPSM-1 1/4	2.189 55.60	0.874 22.20	1.31 33.40	UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	HA-211-H
UCHA212 -36 UCHA212 -37 UCHA212 -38 UCHA212 -39 UCHA212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	5 19/32 142.1	6 13/16 173.0	23/64 9.1	4 1/64 102.0	2 3/8 60.3	1 3/32 27.8	NPSM-1 1/4	2.563 65.10	1.000 25.40	1.56 39.70	UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	HA-212-H
UCHA213 -40 UCHA213 -41 UCHA213 -65mm	2 1/2 2 9/16 65mm	6 17/32 165.9	7 7/8 200.0	3/8 9.5	4 39/64 117.1	2 3/4 69.9	1 1/4 31.8	NPSM-1 1/2	2.563 65.10	1.000 25.40	1.56 39.70	UC213 -40 UC213 -41 UC213 -65mm	HA-213-H
UCHA214 -42 UCHA214 -43 UCHA214 -44 UCHA214 -70mm	2 5/8 2 11/16 2 3/4 70mm	6 17/32 165.9	7 7/8 200.0	3/8 9.5	4 39/64 117.1	2 3/4 69.9	1 1/4 31.8	NPSM-1 1/2	2.937 74.60	1.189 30.20	1.75 44.40	UC214 -42 UC214 -43 UC214 -44 UC214 -70mm	HA-214-H
UCHA215 -45 UCHA215 -46 UCHA215 -47 UCHA215 -48 UCHA215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	6 17/32 165.9	7 7/8 200.0	3/8 9.5	4 39/64 117.1	2 3/4 69.9	1 1/4 31.8	NPSM-1 1/2	3.063 77.80	1.311 33.30	1.75 44.50	UC215 -45 UC215 -46 UC215 -47 UC215 -48 UC215 -75mm	HA-215-H

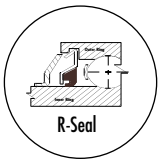
1. *Straight pipe thread is standard. Special threading available upon request.*
2. *HA series housings can also be combined with the following insert bearings: HC, FH, FHS or GR Example: HCHA205-16 or FHHA205-16.*

Hanger Bearing Units
GRHA200 Series GRIP-IT 360 Degree Locking

- Standard duty, high-grade cast iron
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Black oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options: See page 83



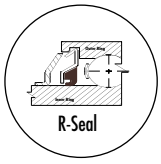


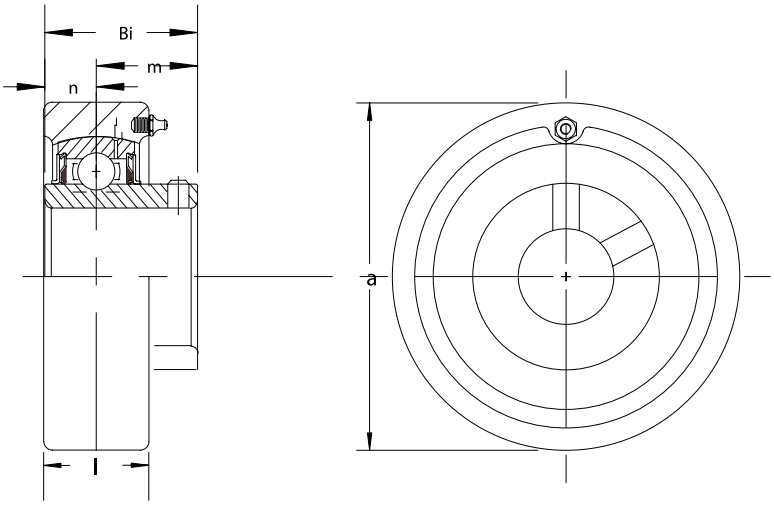
Dimensions in / mm

Unit No.	Shaft Diam.	a	w	c	h	I	D	K	L	n	W	Bearing No.	Housing No.
GRHA204 -12 GRHA204 -13 GRHA204 -20mm	3/4 13/16 20mm	2 17/32 64.3	3 25/32 96.0	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.374 34.90	0.500 12.70	1.76 44.60	GR204 -12 GR204 -13 GR204 -20mm	HA-204-H
GRHA205 -13 GRHA205 -14 GRHA205 -15 GRHA205 -16 GRHA205 -25mm	13/16 7/8 15/16 1 25mm	3 1/16 77.8	4 1/16 103.2	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.512 38.40	0.563 14.30	1.94 49.20	GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	HA-205-H
GRHA206 -17 GRHA206 -18 GRHA206 -19 GRHA206 -20 GRHA206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3 1/16 77.8	4 1/16 103.2	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.650 41.90	0.626 15.90	2.19 55.50	GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	HA-206-H
GRHA207 -20 GRHA207 -21 GRHA207 -22 GRHA207 -23 GRHA207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	3 5/8 92.1	4 9/16 115.9	0 0	2 3/4 69.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.870 47.50	0.689 17.50	2.57 65.40	GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	HA-207-H
GRHA208 -24 GRHA208 -25 GRHA208 -40mm	1 1/2 1 9/16 40mm	3 25/32 96.0	4 3/4 120.7	5/64 2.0	2 7/8 73.0	1 9/16 39.7	3/4 19.1	NPSM-3/4	2.114 53.70	0.748 19.00	2.69 68.40	GR208 -24 GR208 -25 GR208 -40mm	HA-208-H
GRHA209 -26 GRHA209 -27 GRHA209 -28 GRHA209 -45mm	1 5/8 1 11/16 1 3/4 45mm	4 1/4 108.0	5 11/32 135.7	13/64 5.2	3 15/64 82.2	1 7/8 47.6	13/16 20.6	NPSM-1	2.122 53.90	0.748 19.00	2.93 74.50	GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	HA-209-H
GRHA210 -29 GRHA210 -30 GRHA210 -31 GRHA210 -32 GRHA210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	4 21/32 118.3	5 19/32 142.1	13/64 5.2	3 17/64 82.9	1 7/8 47.6	13/16 20.6	NPSM-1	2.268 57.60	0.748 19.00	3.39 86.00	GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	HA-210-H
GRHA211 -32 GRHA211 -33 GRHA211 -34 GRHA211 -35 GRHA211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	4 31/32 126.0	5 29/32 150.0	9/32 7.1	3 27/32 86.9	2 3/8 60.3	1 25.4	NPSM-1 1/4	2.429 61.70	0.874 22.20	3.50 89.00	GR211 -32 GR211 -33 GR211 -34 GR211 -35 GR211 -55mm	HA-211-H
GRHA212 -36 GRHA212 -37 GRHA212 -38 GRHA212 -39 GRHA212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	5 19/32 142.1	6 13/16 173.0	23/64 9.1	4 1/64 102.0	2 3/8 60.3	1 3/32 27.8	NPSM-1 1/4	2.846 72.30	1.000 25.40	4.06 103.00	GR212 -36 GR212 -37 GR212 -38 GR212 -39 GR212 -60mm	HA-212-H
GRHA213 -40 GRHA213 -41 GRHA213 -65mm	2 1/2 2 9/16 65mm	6 17/32 165.9	7 7/8 200.0	3/8 9.5	4 39/64 117.1	2 3/4 69.9	1 1/4 31.8	NPSM-1 1/2	2.846 72.30	1.000 25.40	4.11 104.50	GR213 -40 GR213 -41 GR213 -65mm	HA-213-H
GRHA214 -42 GRHA214 -43 GRHA214 -44 GRHA214 -70mm	2 5/8 2 11/16 2 3/4 70mm	6 17/32 165.9	7 7/8 200.0	3/8 9.5	4 39/64 117.1	2 3/4 69.9	1 1/4 31.8	NPSM-1 1/2	3.220 81.80	1.189 30.20	4.39 111.50	GR214 -42 GR214 -43 GR214 -44 GR214 -70mm	HA-214-H
GRHA215 -45 GRHA215 -46 GRHA215 -47 GRHA215 -48 GRHA215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	6 17/32 165.9	7 7/8 200.0	3/8 9.5	4 39/64 117.1	2 3/4 69.9	1 1/4 31.8	NPSM-1 1/2	3.358 85.30	1.311 33.30	4.65 118.00	GR215-45 GR215 -46 GR215 -47 GR215 -48 GR215 -75mm	HA-215-H

Straight pipe thread is standard. Special threading available upon request.

Cylindrical Cartridge Units
UCC200 Series Set Screw Locking





- Standard duty, high-grade cast iron
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Standard seal: R-Seal

Triple lip seal and other options:
See page 83

Dimensions in / mm

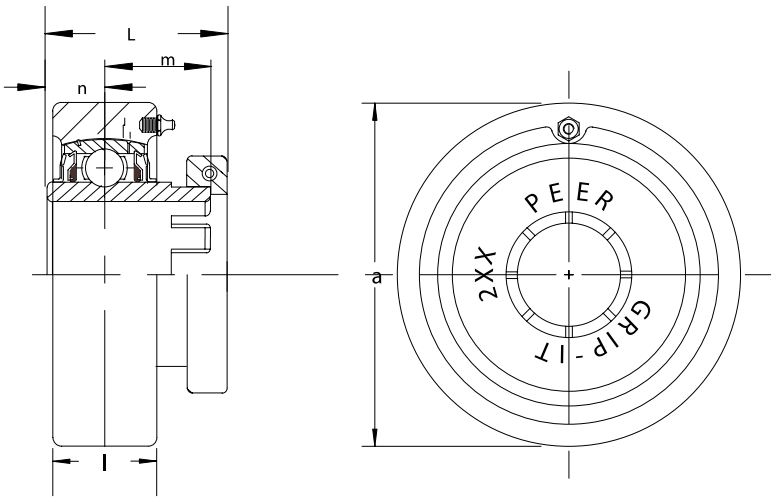
Unit No.	Shaft Diam.	a	l	Bi	n	m	Bearing No.	Housing No.
UCC201 -8 **UCC201 -12mm** **UCC202 -9** **UCC202 -10** **UCC202 -15mm** **UCC203 -11** **UCC203 -17mm**	1/2 12mm 9/16 5/8 15mm 11/16 17mm	2.835 72.00	25/32 19.800	1.220 31.00	0.500 12.70	0.72 18.30	UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	C-204-H
UCC204 -12 **UCC204 -13** **UCC204 -20mm**	3/4 13/16 20mm	2.835 72.00	25/32 19.800	1.220 31.00	0.500 12.70	0.72 18.30	UC204 -12 UC204 -13 UC204 -20mm	C-204-H
UCC205 -13 **UCC205 -14** **UCC205 -15** **UCC205 -16** **UCC205 -25mm**	13/16 7/8 15/16 1 25mm	3.150 80.00	55/64 21.800	1.339 34.00	0.563 14.30	0.78 19.70	UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	C-205-H
UCC206 -17 **UCC206 -18** **UCC206 -19** **UCC206 -20** **UCC206 -30mm**	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3.347 85.00	1 1/16 27.000	1.500 38.10	0.626 15.90	0.87 22.20	UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	C-206-H
UCC207 -20 **UCC207 -21** **UCC207 -22** **UCC207 -23** **UCC207 -35mm**	1 1/4 1 5/16 1 3/8 1 7/16 35mm	3.543 90.00	1 7/64 28.200	1.689 42.90	0.689 17.50	1.00 25.40	UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	C-207-H
UCC208 -24 **UCC208 -25** **UCC208 -40mm**	1 1/2 1 9/16 40mm	3.937 100.00	1 3/16 30.200	1.937 49.20	0.748 19.00	1.19 30.20	UC208 -24 UC208 -25 UC208 -40mm	C-208-H
UCC209 -26 **UCC209 -27** **UCC209 -28** **UCC209 -45mm**	1 5/8 1 11/16 1 3/4 45mm	4.331 110.00	1 7/32 31.000	1.937 49.20	0.748 19.00	1.19 30.20	UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	C-209-H
UCC210 -29 **UCC210 -30** **UCC210 -31** **UCC210 -32** **UCC210 -50mm**	1 13/16 1 7/8 1 15/16 2(s) 50mm	4.724 120.00	1 19/64 33.000	2.031 51.60	0.748 19.00	1.28 32.60	UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	C-210-H
UCC211 -32 **UCC211 -33** **UCC211 -34** **UCC211 -35** **UCC211 -55mm**	2 2 1/16 2 1/8 2 3/16 55mm	4.921 125.00	1 3/8 35.000	2.189 55.60	0.874 22.20	1.31 33.40	UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	C-211-H
UCC212 -36 **UCC212 -37** **UCC212 -38** **UCC212 -39** **UCC212 -60mm**	2 1/4 2 5/16 2 3/8 2 7/16 60mm	5.118 130.00	1 1/2 38.100	2.563 65.10	1.000 25.40	1.56 39.70	UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	C-212-H
UCC213 -40 **UCC213 -41** **UCC213 -65mm**	2 1/2 2 9/16 65mm	5.512 140.00	1 37/64 40.100	2.563 65.10	1.000 25.40	1.56 39.70	UC213 -40 UC213 -41 UC213 -65mm	C-213-H

C series housings can also be combined with the following insert bearings: HC, FH, FHS or GR : Example HCC205-16 or FHC205-16.

Cylindrical Cartridge Units
GRC200 Series GRIP-IT 360 Degree Locking

- Standard duty, high-grade cast iron
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Black oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

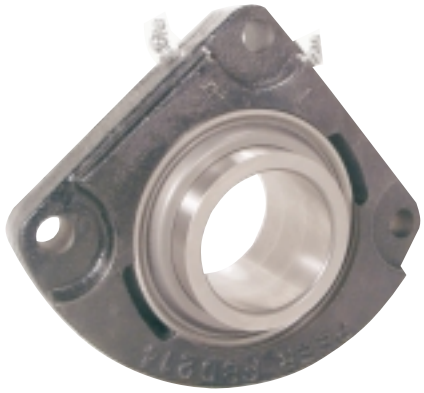


Unit No.	Shaft Diam.	a	l	L	n	m	Bearing No.	Housing No.
				Dimensions in / mm				
GRC204 -12 GRC204 -13 GRC204 -20mm	3/4 13/16 20mm	2.835 72.00	25/32 19.800	1.374 34.90	0.500 12.70	0.72 18.30	GR204 -12 GR204 -13 GR204 -20mm	C-204-H
GRC205 -13 GRC205 -14 GRC205 -15 GRC205 -16 GRC205 -25mm	13/16 7/8 15/16 1 25mm	3.150 80.00	55/64 21.800	1.512 38.40	0.563 14.30	0.80 20.20	GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	C-205-H
GRC206 -17 GRC206 -18 GRC206 -19 GRC206 -20 GRC206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	3.347 85.00	1 1/16 27.000	1.650 41.90	0.626 15.90	0.87 22.20	GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	C-206-H
GRC207 -20 GRC207 -21 GRC207 -22 GRC207 -23 GRC207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	3.543 90.00	1 7/64 28.200	1.870 47.50	0.689 17.50	1.00 25.40	GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	C-207-H
GRC208 -24 GRC208 -25 GRC208 -40mm	1 1/2 1 9/16 40mm	3.937 100.00	1 3/16 30.200	2.114 53.70	0.748 19.00	1.19 30.20	GR208 -24 GR208 -25 GR208 -40mm	C-208-H
GRC209 -26 GRC209 -27 GRC209 -28 GRC209 -45mm	1 5/8 1 11/16 1 3/4 45mm	4.331 110.00	1 7/32 31.000	2.122 53.90	0.748 19.00	1.19 30.20	GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	C-209-H
GRC210 -29 GRC210 -30 GRC210 -31 GRC210 -32 GRC210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	4.724 120.00	1 19/64 33.000	2.268 57.60	0.748 19.00	1.28 32.60	GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	C-210-H
GRC211 -32 GRC211 -33 GRC211 -34 GRC211 -35 GRC211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	4.921 125.00	1 3/8 35.000	2.429 61.70	0.874 22.20	1.31 33.40	GR211 -32 GR211 -33 GR211 -34 GR211 -35 GR211 -55mm	C-211-H
GRC212 -36 GRC212 -37 GRC212 -38 GRC212 -39 GRC212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	5.118 130.00	1 1/2 38.100	2.846 72.30	1.000 25.40	1.56 39.70	GR212 -36 GR212 -37 GR212 -38 GR212 -39 GR212 -60mm	C-212-H
GRC213 -40 GRC213 -41 GRC213 -65mm	2 1/2 2 9/16 65mm	5.512 140.00	1 37/64 40.100	2.846 72.30	1.000 25.40	1.56 39.70	GR213 -40 GR213 -41 GR213 -65mm	C-213-H

FLANGE & CASTED "SPECIALS"

PEER offers many options and modifications on flange units. In addition,
PEER offers custom casted specials made to exact customer specifications.
Below are just a few examples. Contact your sales representative for further information.

Adjustable Flange Units
Cast iron UCFA series



Special cast iron housings
made for special customer applications

Ductile Trunnon
Common in agricultural applications

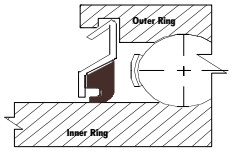
Ductile "ARM" designed
for agricultural applications

Private labeling available
See page 31 for pillow block specials

Bearing and Seal Features Selection Chart

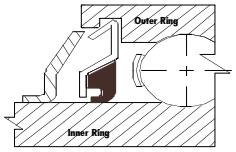
Bearing Type	Eccentric Locking Collar	Set Screw	Grip-It	Flush IR	Extended IR	Cylindrical OD	Spherical OD	Relube	Non-Relube	Snap Ring	Anti-Rotation Pin	Standard Seals (See below)	Optional Seals/Shields (See below)
FH	•			•			•		•			1	5
FH-G	•			•			•	•				1	5
FHR	•			•		•			•			1	5
HC	•				•		•	•				2	1, 3, 4, 5, 6
HCR	•				•	•			•			2	1, 3, 4, 5, 6
* HCX	•				•		•	•				2	1, 3, 4, 5, 6
* HER	•				•	•		•		•		2	1, 3, 4, 5, 6
FHL	•			•			•		•			1	5
FHRL	•			•		•			•			1	5
FHS		•		•			•		•			1	5
FHS-G		•		•			•	•				1	5
FHSR		•		•		•			•			1	5
SER		•			•	•		•		•		2	1, 3, 4, 5, 6
UC		•			•		•	•			•	2	1, 3, 4, 5, 6
UCR		•			•	•			•			2	1, 3, 4, 5, 6
UCX		•			•		•	•			•	2	1, 3, 4, 5, 6
GR			•		•		•	•			•	2	1, 3, 4, 5, 6
GER			•		•	•		•		•		2	1, 3, 4, 5, 6

1



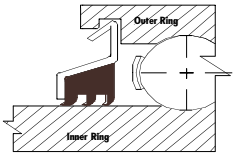
RST-Seal
Full cover metal shroud with Buna-N rubber lip.

2



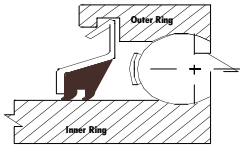
R-Seal
Full cover metal shroud with Buna-N rubber lip plus slinger.

3



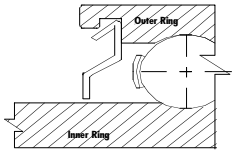
TRL-Seal
Full cover metal shroud with triple (3) Buna-N rubber lips.

4



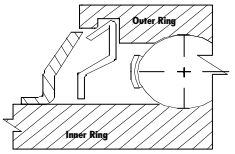
DBL-Seal
Full cover metal shroud with double (2) Buna-N rubber lips.

5



Z-Shield
Full cover metal shroud.

6



Z-Shield/Slinger
Full cover metal shroud with slinger.

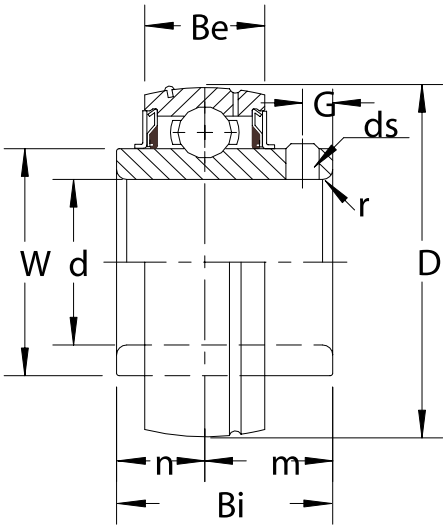
* Not in catalog but available.

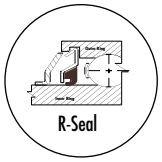
Insert Bearings For Units
UC200 Series Set Screw Locking

- Standard load capacity
- Wide inner ring with spherical outer ring
- Relubrication groove with oil hole on set screw side
- Anti-rotation pin on side opposite grease groove
- Nylon patched class 3A set screws are standard
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Unit No.	Shaft Diam.	Dimensions (in / mm) D	Bi	Be	r	n	m	G	W	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Static
UCS201 -8 UCS201 -12mm UCS202 -9 UCS202 -10 UCS202 -15mm UCS203 -11 UCS203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.5748 40.000	1.024 26.00	0.512 13.00	0.039 1.00	0.3937 10.000	0.630 16.00	0.157 4.00	0.969 24.60	1/4-28x1/4 M6xP1.0	2160	1000
UC201 -8 UC201 -12mm UC202 -9 UC202 -10 UC202 -15mm UC203 -11 UC203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.8504 47.000	1.220 31.00	0.591 15.00	0.039 1.00	0.5000 12.700	0.720 18.30	0.197 5.00	1.130 28.70	1/4-28x1/4 M6xP1.0	2900	1410
UC204 -12 UC204 -13 UC204 -20mm	3/4 13/16 20mm	1.8504 47.000	1.220 31.00	0.591 15.00	0.059 1.50	0.5000 12.700	0.720 18.30	0.197 5.00	1.130 28.70	1/4-28x1/4 M6xP1.0	2900	1410
UC205 -13 UC205 -14 UC205 -15 UC205 -16 UC205 -25mm	13/16 7/8 15/16 1 25mm	2.0472 52.000	1.339 34.00	0.591 15.00	0.059 1.50	0.5630 14.300	0.776 19.70	0.217 5.50	1.327 33.70	1/4-28x1/4 M6xP1.0	3150	1610
UC206 -17 UC206 -18 UC206 -19 UC206 -20 UC206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.709 18.00	0.059 1.50	0.6260 15.900	0.874 22.20	0.220 5.60	1.567 39.80	1/4-28x1/4 M6xP1.0	4370	2320
UC207 -20 UC207 -21 UC207 -22 UC207 -23 UC207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.748 19.00	0.079 2.00	0.6890 17.500	1.000 25.40	0.252 6.40	1.843 46.80	5/16-24x5/16 M8xP1.0	5770	3150
UC208 -24 UC208 -25 UC208 -40mm	1 1/2 1 9/16 40mm	3.1496 80.000	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.189 30.20	0.315 8.00	2.067 52.50	5/16-24x5/16 M8xP1.0	7340	3650





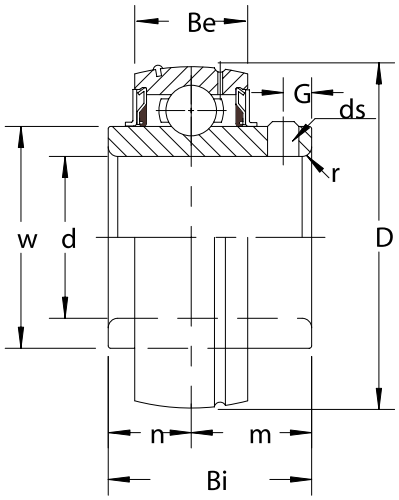
Unit No.	Shaft Diam.	Dimensions in / mm D	Bi	Be	r	n	m	G	W	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Static
UC209 -26 UC209 -27 UC209 -28 UC209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.189 30.20	0.315 8.00	2.256 57.30	5/16-24x5/16 M8xP1.0	7350	4150
UC210 -29 UC210 -30 UC210 -31 UC210 -32 UC210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	3.5433 90.000	2.031 51.60	0.866 22.00	0.079 2.00	0.7480 19.000	1.283 32.60	0.374 9.50	2.445 62.10	3/8-24x3/8 M10xP1.25	7880	4650
UC211 -32 UC211 -33 UC211 -34 UC211 -35 UC211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	3.9370 100.000	2.189 55.60	0.984 25.00	0.098 2.50	0.8740 22.200	1.315 33.40	0.374 9.50	2.756 70.00	3/8-24x3/8 M10xP1.25	9740	5850
UC212 -36 UC212 -37 UC212 -38 UC212 -39 UC212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	4.3307 110.000	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.563 39.70	0.437 11.10	3.031 77.00	3/8-24x3/8 M10xP1.25	11780	7250
UC213 -40 UC213 -41 UC213 -65mm	2 1/2 2 9/16 65mm	4.7244 120.000	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.563 39.70	0.472 12.00	3.232 82.10	3/8-24x3/8 M10xP1.25	13980	8000
UC214 -42 UC214 -43 UC214 -44 UC214 -70mm	2 5/8 2 11/16 2 3/4 70mm	4.9213 125.000	2.937 74.60	1.142 29.00	0.098 2.50	1.1890 30.200	1.748 44.40	0.472 12.00	3.425 87.00	7/16-20x7/16 M12xP1.5	14000	8800
UC215 -45 UC215 -46 UC215 -47 UC215 -48 UC215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	5.1181 130.000	3.063 77.80	1.181 30.00	0.098 2.50	1.3110 33.300	1.752 44.50	0.437 11.10	3.602 91.50	7/16-20x7/16 M12xP1.5	14830	9750
UC216 -50 UC216 -80mm	3 1/8 80mm	5.5118 140.000	3.252 82.60	1.260 32.00	0.118 3.00	1.3110 33.300	1.941 49.30	0.551 14.00	3.878 98.50	7/16-20x7/16 M12xP1.5	16280	10400
UC217 -52 UC217 -55 UC217 -85mm	3 1/4 3 7/16 85mm	5.9055 150.000	3.374 85.70	1.339 34.00	0.118 3.00	1.3425 34.100	2.031 51.60	0.472 12.00	4.134 105.00	7/16-20x7/16 M12xP1.5	17680	11600
UC218 -56 UC218 -90mm	3 1/2 90mm	6.2992 160.000	3.780 96.00	1.417 36.00	0.118 3.00	1.5630 39.700	2.217 56.30	0.591 15.00	4.390 111.50	1/2-20x1/2 M12xP1.5	21470	14100

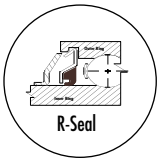
Insert Bearings For Units
UCX00 Series Set Screw Locking

- Medium load capacity
- Wide inner ring with spherical outer ring
- Relubrication groove with oil hole on set screw side
- Anti-rotation pin on side opposite grease groove
- Nylon patched class 3A set screws are standard
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Unit No.	Shaft Diam.	Dimensions in / mm D	Bi	Be	r	n	m	G	W	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Static
UCX05 -13 UCX05 -14 UCX05 -15 UCX05 -16 UCX05 -25mm	13/16 7/8 15/16 1 25mm	2.4409 62.000	1.500 38.10	0.709 18.00	0.059 1.50	0.6260 15.900	0.874 22.20	0.220 5.60	1.567 39.80	1/4-28x1/4 M6xP1.0	4370	2320
UCX06 -17 UCX06 -18 UCX06 -19 UC207 -20 * UCX06 -30mm	1 1/16 1 1/8 1 3/16 1 1/4 30mm	2.8346 72.000	1.689 42.90	0.748 19.00	0.059 1.50	0.6890 17.500	1.000 25.40	0.252 6.40	1.843 46.80	5/16-24x5/16 M8xP1.0	5770	3150
UCX07 -20 UCX07 -21 UCX07 -22 UCX07 -23 UCX07 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	3.1496 80.000	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.189 30.20	0.315 8.00	2.067 52.50	5/16-24x5/16 M8xP1.0	7340	3650
UCX08 -24 UCX08 -25 UCX08 -40mm	1 1/2 1 9/16 40mm	3.3465 85.000	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.189 30.20	0.315 8.00	2.256 57.30	5/16-24x5/16 M8xP1.0	7350	4150
UCX09 -26 UCX09 -27 UCX09 -28 UCX09 -45mm	1 5/8 1 11/16 1 3/4 45mm	3.5433 90.000	2.031 51.60	0.866 22.00	0.079 2.00	0.7480 19.000	1.283 32.60	0.374 9.50	2.445 62.10	3/8-24x3/8 M10xP1.25	7880	4650
UCX10 -29 UCX10 -30 UCX10 -31 UC211 -32 ** UCX10 -50mm	1 13/19 1 7/8 1 15/16 2 50mm	3.9370 100.000	2.189 55.60	0.984 25.00	0.079 2.00	0.8740 22.200	1.315 33.40	0.374 9.50	2.756 70.00	3/8-24x3/8 M10xP1.25	9740	5850





Dimensions in / mm

Unit No.	Shaft Diam.	D	Bi	Be	r	n	m	G	W	ds (UNF-Thread)	Load Rating (Lbs.)	
											Dynamic	Static
UCX11 -32 UCX11 -33 UCX11 -34 UCX11 -35 UCX212 -36 *** UCX11 -55mm	2 2 1/16 2 1/8 2 3/16 2 1/4 55mm	4.3307 110.000	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.563 39.70	0.437 11.10	3.031 77.00	3/8-24x3/8 M10xP1.25	11780	7250
UCX12 -37 UCX12 -38 UCX12 -39 UCX12 -60mm	2 5/16 2 3/8 2 7/16 60mm	4.7244 120.000	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.563 39.70	0.472 12.00	3.232 82.10	7/16-20x7/16 M12xP1.5	13980	8000
UCX13 -40 UCX13 -41 UCX13 -65mm	2 1/2 2 9/16 65mm	4.9213 125.000	2.937 74.60	1.142 29.00	0.098 2.50	1.1890 30.200	1.748 44.40	0.472 12.00	3.425 87.00	7/16-20x7/16 M12xP1.5	14000	8800
UCX14 -42 UCX14 -43 UCX14 -44 UCX14 -70mm	2 5/8 2 11/16 2 3/4 70mm	5.1181 130.000	3.063 77.80	1.181 30.00	0.098 2.50	1.3110 33.300	1.752 44.50	0.437 11.10	3.602 91.50	7/16-20x7/16 M12xP1.5	14830	9750
UCX15 -45 UCX15 -46 UCX15 -47 UCX15 -48 UCX15 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	5.5118 140.000	3.252 82.60	1.260 32.00	0.098 2.50	1.3110 33.300	1.941 49.30	0.551 14.00	3.878 98.50	7/16-20x7/16 M12xP1.5	16280	10400
UCX16 -50 UCX16 -80mm	3 1/8 80mm	5.9055 150.000	3.374 85.70	1.339 34.00	0.118 3.00	1.3425 34.100	2.031 51.60	0.472 12.00	4.134 105.00	7/16-20x7/16 M12xP1.5	17680	11600
UCX17 -52 UCX17 -85mm	3 1/4 85mm	6.2992 160.000	3.780 96.00	1.417 36.00	0.118 3.00	1.5630 39.700	2.217 56.30	0.591 15.00	4.390 111.50	1/2-20x1/2 M12xP1.5	21470	14100

**UCX06-20 is identical to the UC207-20 bearing and therefore is listed as such.*
***UCX10-32 is identical to the UC211-32 bearing and therefore is listed as such.*
****UCX11-36 is identical to the UC212-36 bearing and therefore is listed as such.*

Insert Bearings For Units

HC200 / HCR200 Series Eccentric Locking Collar

HC Series

- Wide inner ring with spherical outer ring
- Standard load capacity
- Relubrication groove with oil hole on locking collar side
- Oil hole opposite groove makes it interchangeable with all manufacturers
- Nylon patched class 3A set screw in collar is standard
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

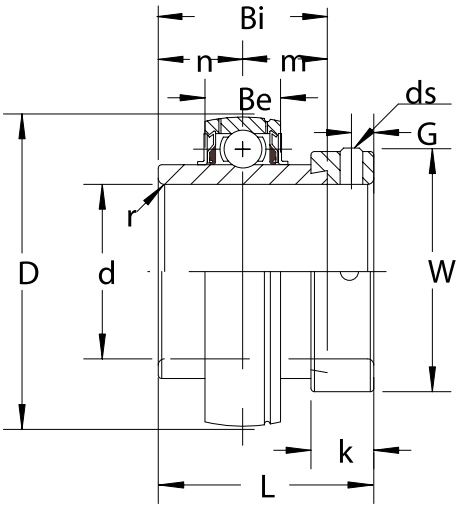
HCR Series

- Wide inner ring with cylindrical outer ring
- Standard load capacity
- Non-relubricatable is standard
- Nylon patched class 3A set screw in collar is standard
- Standard seal: R-Seal

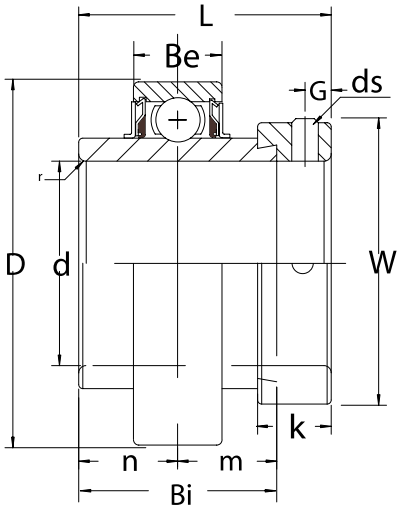
Triple lip seal and other options: See page 83

Dimensions in / mm

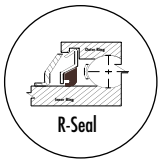
Spherical Unit No.	Cylindrical Unit No.	Shaft Diam.	D	L	Bi	Be	r	n	m	W	K	G	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Load Rating (Lbs.) Static
HCS201 -8 HCS201 -12mm HCS202 -9 HCS202 -10 HCS202 -15mm HCS203 -11 HCS203 -17mm		1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.5748 40.000	1.47 37.3	1.094 27.80	0.512 13.00	0.039 1.00	0.5472 13.900	0.547 13.90	1.126 28.60	0.53 13.5	0.197 5.00	1/4-28x1/4 M6xP1.0	2160	1000
HC201 -8 HC201 -12mm HC202 -9 HC202 -10 HC202 -15mm HC203 -11 HC203 -17mm	HCR201 -8 HCR201 -12mm HCR202 -9 HCR202 -10 HCR202 -15mm HCR203 -11 HCR203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.8504 47.000	1.71 43.5	1.339 34.00	0.591 15.00	0.059 1.50	0.6693 17.000	0.669 17.00	1.260 32.00	0.53 13.5	0.197 5.00	1/4-28x1/4 M6xP1.0	2900	1410
HC204 -12 HC204 -20mm	HCR204 -12 HCR204 -20mm	3/4 20mm	1.8504 47.000	1.71 43.5	1.339 34.00	0.591 15.00	0.059 1.50	0.6693 17.000	0.669 17.00	1.260 32.00	0.53 13.5	0.197 5.00	1/4-28x1/4 M6xP1.0	2900	1410
HC205 -13 HC205 -14 HC205 -15 HC205 -16 HC205 -25mm	HCR205 -13 HCR205 -14 HCR205 -15 HCR205 -16 HCR205 -25mm	13/16 7/8 15/16 1 25mm	2.0472 52.000	1.74 44.3	1.370 34.80	0.591 15.00	0.059 1.50	0.6850 17.400	0.685 17.40	1.500 38.10	0.53 13.5	0.189 4.80	1/4-28x1/4 M6xP1.0	3150	1610
HC206 -17 HC206 -18 HC206 -19 HC206 -20 HC206 -30mm	HCR206 -17 HCR206 -18 HCR206 -19 HCR206 -20 HCR206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.90 48.3	1.433 36.40	0.709 18.00	0.059 1.50	0.7165 18.200	0.717 18.20	1.752 44.50	0.62 15.9	0.236 6.00	5/16-24x5/16 M8xP1.0	4370	2320
HC207 -20 HC207 -21 HC207 -22 HC207 -23 HC207 -35mm	HCR207 -20 HCR207 -21 HCR207 -22 HCR207 -23 HCR207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	2.01 51.1	1.480 37.60	0.748 19.00	0.079 2.00	0.7402 18.800	0.740 18.80	2.189 55.60	0.69 17.5	0.256 6.50	3/8-24x3/8 M10xP1.25	5770	3150
HC208 -24 HC208 -25 HC208 -40mm	HCR208 -24 HCR208 -25 HCR208 -40mm	1 1/2 1 9/16 40mm	3.1496 80.000	2.22 56.3	1.685 42.80	0.866 22.00	0.079 2.00	0.8425 21.400	0.843 21.40	2.374 60.30	0.72 18.3	0.256 6.50	3/8-24x3/8 M10xP1.25	7340	3650



HC200



HCR200



Dimensions in / mm

Spherical Unit No.	Cylindrical Unit No.	Shaft Diam.	D	L	Bi	Be	r	n	m	W	K	G	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Load Rating (Lbs.) Static
HC209 -26 HC209 -27 HC209 -28 HC209 -45mm	HCR209 -26 HCR209 -27 HCR209 -28 HCR209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	2.22 56.3	1.685 42.80	0.866 22.00	0.079 2.00	0.8425 21.400	0.843 21.40	2.500 63.50	0.72 18.3	0.256 6.50	3/8-24x3/8 M10xP1.25	7350	4150
HC210 -29 HC210 -30 HC210 -31 HC210 -32 HC210 -50mm	HCR210 -29 HCR210 -30 HCR210 -31 HCR210 -32 HCR210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	3.5433 90.000	2.47 62.7	1.937 49.20	0.866 22.00	0.079 2.00	0.9685 24.600	0.969 24.60	2.752 69.90	0.72 18.3	0.256 6.50	3/8-24x3/8 M10xP1.25	7880	4650
HC211 -32 HC211 -33 HC211 -34 HC211 -35 HC211 -55mm	HCR211 -32 HCR211 -33 HCR211 -34 HCR211 -35 HCR211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	3.9370 100.000	2.81 71.4	2.181 55.40	0.984 25.00	0.098 2.50	1.0906 27.700	1.091 27.70	3.00 76.20	0.82 20.8	0.315 8.00	7/16-20x7/16 M12xP1.5	9740	5850
HC212 -36 HC212 -37 HC212 -38 HC212 -39 HC212 -60mm	HCR212 -36 HCR212 -37 HCR212 -38 HCR212 -39 HCR212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	4.3307 110.000	3.06 77.8	2.433 61.80	1.063 27.00	0.098 2.50	1.2165 30.900	1.217 30.90	3.311 84.10	0.87 22.2	0.315 8.00	7/16-20x7/16 M12xP1.5	11780	7250
HC213 -40 HC213 -41 HC213 -65mm	HCR213 -40 HCR213 -41 HCR213 -65mm	2 1/2 2 9/16 65mm	4.7244 120.000	3.37 85.7	2.685 68.20	1.063 27.00	0.098 2.50	1.3425 34.100	1.343 34.10	3.386 86.00	0.93 23.5	0.335 8.50	7/16-20x7/16 M12xP1.5	13980	8000
HC214 -42 HC214 -43 HC214 -44 HC214 -70mm	HCR214 -42 HCR214 -43 HCR214 -44 HCR214 -70mm	2 5/8 2 11/16 2 3/4 70mm	4.9213 125.000	3.37 85.7	2.685 68.20	1.142 29.00	0.098 2.50	1.3425 34.100	1.343 34.10	3.543 90.00	0.94 23.8	0.335 8.50	7/16-20x7/16 M12xP1.5	14000	8800
HC215 -45 HC215 -46 HC215 -47 HC215 -48 HC215 -75mm	HCR215 -45 HCR215 -46 HCR215 -47 HCR215 -48 HCR215 -75mm	2 13/16 2 7/8 2 15/16 3 75mm	5.1181 130.000	3.63 92.1	2.937 74.60	1.181 30.00	0.098 2.50	1.4685 37.300	1.469 37.30	4.000 101.60	0.94 23.8	0.335 8.50	7/16-20x7/16 M12xP1.5	14830	9750

HCR series can be made with relubrication feature:
Example: HCR205-16-GO.

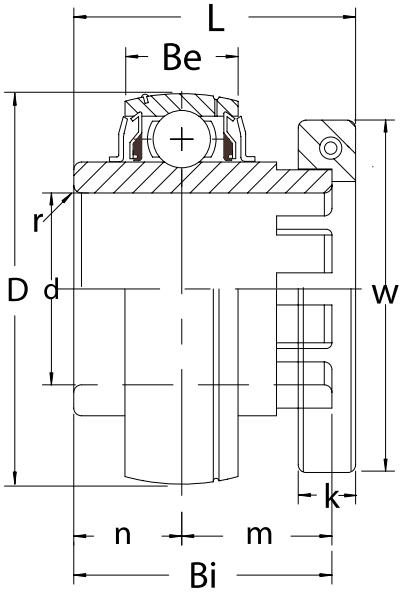
Insert Bearings For Units
GR200 Series GRIP-IT 360 Degree Locking

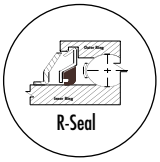
- Standard load capacity
- Wide inner ring with spherical outer ring
- Relubrication groove with oil hole on locking collar side
- Anti-rotation pin on side opposite grease groove
- Black oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

Unit No.	Shaft Diam.	D	L	Bi	Be	r	n	m	W	K	ds (UNF-Thread)	Load Rating (Lbs.)	
												Dynamic	Static
GR201 -8 GR202 -10	1/2 5/8	1.8504 47.000	1.37 34.9	1.220 31.00	0.591 15.00	0.059 1.50	0.5000 12.700	0.720 18.30	1.756 44.60	0.37 9.5	8-32x5/8	2900	1410
GR204 -12 GR204 -13 GR204 -20mm	3/4 13/16 20mm	1.8504 47.000	1.37 34.9	1.220 31.00	0.591 15.00	0.059 1.50	0.5000 12.700	0.720 18.30	1.756 44.60	0.37 9.5	8-32x5/8	2900	1410
GR205 -13 GR205 -14 GR205 -15 GR205 -16 GR205 -25mm	13/16 7/8 15/16 1 25mm	2.0472 52.000	1.51 38.4	1.358 34.50	0.591 15.00	0.059 1.50	0.5630 14.300	0.795 20.20	1.937 49.20	0.37 9.5	8-32x5/8	3150	1610
GR206 -17 GR206 -18 GR206 -19 GR206 -20 GR206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.65 41.9	1.500 38.10	0.709 18.00	0.059 1.50	0.6260 15.900	0.874 22.20	2.185 55.50	0.37 9.3	8-32x5/8	4370	2320
GR207 -20 GR207 -21 GR207 -22 GR207 -23 GR207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.87 47.5	1.689 42.90	0.748 19.00	0.079 2.00	0.6890 17.500	1.000 25.40	2.575 65.40	0.44 11.2	10-24x3/4	5770	3150
GR208 -24 GR208 -25 GR208 -40mm	1 1/2 1 9/16 40mm	3.1496 80.000	2.11 53.7	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.189 30.20	2.693 68.40	0.43 11.0	10-24x3/4	7340	3650

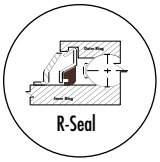


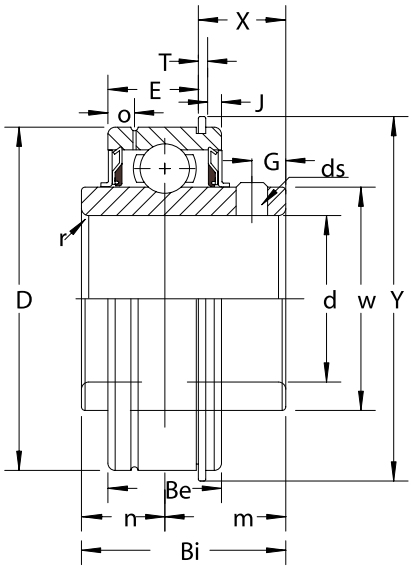


Dimensions in mm

Unit No.	Shaft Diam.	D	L	Bi	Be	r	n	m	W	K	ds (UNF-Thread)	Load Rating (Lbs.)	
												Dynamic	Static
GR209 -26 GR209 -27 GR209 -28 GR209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	2.12 53.9	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.189 30.20	2.933 74.50	0.45 11.5	10-24x3/4	7350	4150
GR210 -29 GR210 -30 GR210 -31 GR210 -32 GR210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	3.5433 90.000	2.27 57.6	2.031 51.60	0.866 22.00	0.079 2.00	0.7480 19.000	1.283 32.60	3.386 86.00	0.57 14.5	1/4-20x1	7880	4650
GR211 -32 GR211 -33 GR211 -34 GR211 -35 GR211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	3.9370 100.000	2.43 61.7	2.189 55.60	0.984 25.00	0.098 2.50	0.8740 22.200	1.315 33.40	3.504 89.00	0.58 14.8	1/4-20x1	9740	5850
GR212 -36 GR212 -37 GR212 -38 GR212 -39 GR212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	4.3307 110.000	2.85 72.3	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.563 39.70	4.055 103.00	0.69 17.5	5/16-18x1	11780	7250
GR213 -40 GR213 -41 GR213 -65mm	2 1/2 2 9/16 65mm	4.7244 120.000	2.85 72.3	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.563 39.70	4.114 104.50	0.69 17.5	5/16-18x1	13980	8000
GR214 -42 GR214 -43 GR214 -44 GR214 -70mm	2 5/8 2 11/16 2 3/4 70mm	4.9213 125.000	3.22 81.8	2.937 74.60	1.142 29.00	0.098 2.50	1.1890 30.200	1.748 44.40	4.390 111.50	0.69 17.5	5/16-18x1	14000	8800
GR215 -46 GR215 -47 GR215 -48 GR215 -75mm	2 7/8 2 15/16 3 75mm	5.1181 130.000	3.36 85.3	3.063 77.80	1.181 30.00	0.098 2.50	1.3110 33.300	1.752 44.50	4.646 118.00	0.71 18.0	3/8-16x1.5	14830	9750

Insert Bearings
SER Series Set Screw Locking





- Popular series used in many roller applications
- Standard load capacity
- Wide inner ring with cylindrical outer ring and snap ring
- Relubrication groove with oil hole on side opposite of set screws
- Nylon patched class 3A set screws are standard
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

Dimensions in / mm

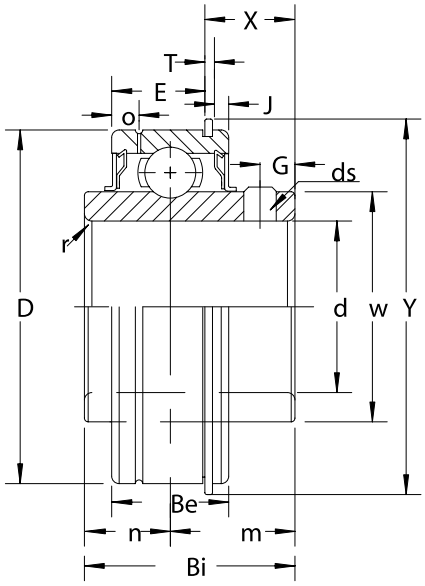
Unit No.	Shaft Diam.	D	Bi	Be	n	m	E	W	o	T	J	G	Y	X	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Load Rating (Lbs.) Static
SER -8 SER -9 SER -10 SER -11 SER -12 SER -20mm	1/2 9/16 5/8 11/16 3/4 20mm	1.8504 47.000	1.220 31.00	0.626 15.90	0.4528 11.500	0.768 19.50	0.48 12.1	1.130 28.70	0.157 4.00	0.05 1.35	0.10 2.46	0.197 5.00	2.07 52.70	0.60 15.36	1/4-28x1/4 M6XP1.0	2900	1410
SER -14 SER -15 SER -16 SER -25mm	7/8 15/16 1 25mm	2.0472 52.000	1.374 34.90	0.752 19.10	0.5157 13.100	0.858 21.80	0.60 15.3	1.327 33.70	0.205 5.20	0.05 1.35	0.10 2.46	0.220 5.60	2.28 57.90	0.63 16.06	1/4-28x1/4 M6XP1.0	3150	1610
SER -17 SER -18 SER -19 SER -20S SER -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.874 22.20	0.6260 15.900	0.874 22.20	0.67 17.0	1.567 39.80	0.220 5.60	0.07 1.90	0.13 3.28	0.220 5.60	2.67 67.70	0.64 16.28	1/4-28x1/4 M6XP1.0	4370	2320
SER -20 SER -21 SER -22 SER -23 SER -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.937 23.80	0.6890 17.500	1.000 25.40	0.73 18.6	1.843 46.80	0.220 5.60	0.07 1.90	0.13 3.28	0.252 6.40	3.09 78.60	0.74 18.68	5/16-24x5/16 M8XP1.0	5770	3150
SER -24 SER -25 SER -40mm	1 1/2 1 9/16 40mm	3.1496 80.000	1.937 49.20	1.094 27.80	0.7480 19.000	1.189 30.20	0.89 22.6	2.067 52.50	0.252 6.40	0.07 1.90	0.13 3.28	0.315 8.00	3.41 86.60	0.85 21.48	5/16-24x5/16 M8XP1.0	7340	3650
SER -26 SER -27 SER -28 SER -45mm	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	1.094 27.80	0.7480 19.000	1.189 30.20	0.89 22.6	2.256 57.30	0.252 6.40	0.07 1.90	0.13 3.28	0.315 8.00	3.61 91.60	0.85 21.48	5/16-24x5/16 M8XP1.0	7350	4150
SER -30 SER -31 SER -32S SER -50mm	1 7/8 1 15/16 2 (s) 50mm	3.5433 90.000	2.031 51.60	1.126 28.60	0.7480 19.000	1.283 32.60	0.89 22.6	2.445 62.10	0.295 7.50	0.11 2.70	0.13 3.28	0.374 9.50	3.80 96.50	0.96 24.28	3/8-24x3/8 M10XP1.25	7880	4650
SER -32 SER -34 SER -35 SER -55mm	2 2 1/8 2 3/16 55mm	3.9370 100.000	2.189 55.60	1.189 30.20	0.8740 22.200	1.315 33.40	0.95 24.2	2.756 70.00	0.295 7.50	0.11 2.70	0.13 3.28	0.374 9.50	4.19 106.50	0.96 24.28	3/8-24x3/8 M10XP1.25	9740	5850
SER -36 SER -38 SER -39 SER -60mm	2 1/4 2 3/8 2 7/16 60mm	4.3307 110.000	2.563 65.10	1.252 31.80	1.0000 25.400	1.563 39.70	1.02 25.8	3.031 77.00	0.295 7.50	0.11 2.70	0.13 3.28	0.437 11.10	4.59 116.60	1.17 29.78	3/8-24x3/8 M10XP1.25	11780	7250
SER -40 SER -43 SER -70mm	2 1/2 2 11/16 70mm	4.9213 125.000	2.752 69.90	1.374 34.90	1.0630 27.000	1.689 42.90	1.09 27.7	3.425 87.00	0.311 7.90	0.12 3.10	0.16 4.06	0.437 11.10	5.30 134.70	1.28 32.61	3/8-24x3/8 M10XP1.25	13980	8000
SER -46 SER -47 SER -75mm	2 7/8 2 15/16 75mm	5.1181 130.000	3.063 77.80	1.500 38.10	1.3110 33.300	1.752 44.50	1.22 30.9	3.602 91.50	0.394 10.00	0.12 3.10	0.16 4.06	0.437 11.10	5.50 139.70	1.28 32.61	7/16-20x7/16 M12XP1.5	14000	8800
SER -55	3 7/16	5.9055 150.000	3.374 85.70	1.937 49.20	1.3425 34.100	2.031 51.60	1.62 41.2	4.134 105.00	0.441 11.20	0.12 3.10	0.19 4.90	0.472 12.00	6.29 159.70	1.38 35.00	7/16-20x7/16 M12XP1.5	17680	11600

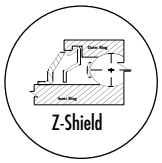
Insert Bearings

SER-ZSFF & SER-ZMKFF Free Spinning Series Set Screw Locking

- ZSFF Series has oil lubrication only while ZMKFF is manufactured with light grease fill to ensure "free running/low drag"
- Standard load capacity
- Wide inner ring with cylindrical outer ring and snap ring
- Relubrication groove with oil hole on side opposite of set screws
- Black oxide plated inner and outer rings
- Nylon patched class 3A set screws are standard
- Standard seal: 'Z' -non contact shields with slinger cover

Options seals: See page 83

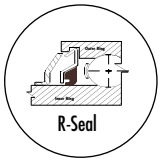


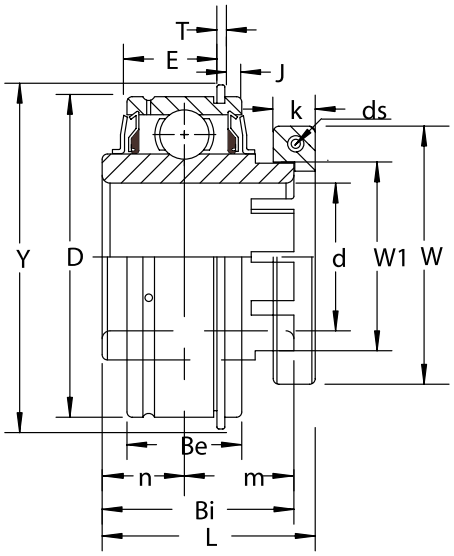


Dimensions in / mm

Unit No.		Shaft Diam.	D	Bi	Be	n	m	E	W	o	T	J	G	Y	X	ds (UNF-Thread)	Load Rating (Lbs.)	
																	Dynamic	Static
SER -8-ZSFF SER -9-ZSFF SER -10-ZSFF SER -11-ZSFF SER -12-ZSFF SER -20mm-ZSFF	SER -8-ZMKFF SER -9-ZMKFF SER -10-ZMKFF SER -11-ZMKFF SER -12-ZMKFF SER -20mm-ZMKFF	1/2 9/16 5/8 11/16 3/4 20mm	1.8504 47.000	1.220 31.00	0.626 15.90	0.4528 11.500	0.768 19.50	0.48 12.1	1.130 28.70	0.157 4.00	0.05 1.35	0.10 2.46	0.197 5.00	2.07 52.70	0.60 15.36	1/4-28x1/4 M6XP1.0	2900	1410
SER -14-ZSFF SER -15-ZSFF SER -16-ZSFF SER -25mm-ZSFF	SER -14-ZMKFF SER -15-ZMKFF SER -16-ZMKFF SER -25mm-ZMKFF	7/8 15/16 1 25mm	2.0472 52.000	1.374 34.90	0.752 19.10	0.5157 13.100	0.858 21.80	0.60 15.3	1.327 33.70	0.205 5.20	0.05 1.35	0.10 2.46	0.220 5.60	2.28 57.90	0.63 16.06	1/4-28x1/4 M6XP1.0	3150	1610
SER -17-ZSFF SER -18-ZSFF SER -19-ZSFF SER -20S-ZSFF SER -30mm-ZSFF	SER -17-ZMKFF SER -18-ZSFF SER -19-ZMKFF SER -20S-ZMKFF SER -30mm-ZMKFF	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.874 22.20	0.6260 15.900	0.874 22.20	0.67 17.0	1.567 39.80	0.220 5.60	0.07 1.90	0.13 3.28	0.220 5.60	2.67 67.70	0.64 16.28	1/4-28x1/4 M6XP1.0	4370	2320
SER -20-ZSFF SER -21-ZSFF SER -22-ZSFF SER -23-ZSFF SER -35mm-ZSFF	SER -20-ZMKFF SER -21-ZMKFF SER -22-ZMKFF SER -23-ZMKFF SER -35mm-ZMKFF	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.937 23.80	0.6890 17.500	1.000 25.40	0.73 18.6	1.843 46.80	0.220 5.60	0.07 1.90	0.13 3.28	0.252 6.40	3.09 78.60	0.74 18.68	5/16-24x5/16 M8XP1.0	5770	3150
SER -24-ZSFF SER -25-ZSFF SER -40mm-ZSFF	SER -24-ZMKFF SER -25-ZMKFF SER -40mm-ZMKFF	1 1/2 1 9/16 40mm	3.1496 80.000	1.937 49.20	1.094 27.80	0.7480 19.000	1.189 30.20	0.89 22.6	2.067 52.50	0.252 6.40	0.07 1.90	0.13 3.28	0.315 8.00	3.41 86.60	0.85 21.48	5/16-24x5/16 M8XP1.0	7340	3650
SER -26-ZSFF SER -27-ZSFF SER -28-ZSFF SER -45mm-ZSFF	SER -26-ZMKFF SER -27-ZMKFF SER -28-ZMKFF SER -45mm-ZMKFF	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	1.094 27.80	0.7480 19.000	1.189 30.20	0.89 22.6	2.256 57.30	0.252 6.40	0.07 1.90	0.13 3.28	0.315 8.00	3.61 91.60	0.85 21.48	5/16-24x5/16 M8XP1.0	7350	4150
SER -30-ZSFF SER -31-ZSFF SER -32S-ZSFF SER -50mm-ZSFF	SER -30-ZMKFF SER -31-ZMKFF SER -32S-ZMKFF SER -50mm-ZMKFF	1 7/8 1 15/16 2 (s) 50mm	3.5433 90.000	2.031 51.60	1.126 28.60	0.7480 19.000	1.283 32.60	0.89 22.6	2.445 62.10	0.295 7.50	0.11 2.70	0.13 3.28	0.374 9.50	3.80 96.50	0.96 24.28	3/8-24x3/8 M10XP1.25	7880	4650
SER -32-ZSFF SER -34-ZSFF SER -35-ZSFF SER -55mm-ZSFF	SER -32-ZMKFF SER -34-ZMKFF SER -35-ZMKFF SER -55mm-ZMKFF	2 2 1/8 2 3/16 55mm	3.9370 100.000	2.189 55.60	1.189 30.20	0.8740 22.200	1.315 33.40	0.95 24.2	2.756 70.00	0.295 7.50	0.11 2.70	0.13 3.28	0.374 9.50	4.19 106.50	0.96 24.28	3/8-24x3/8 M10XP1.25	9740	5850
SER -36-ZSFF SER -38-ZSFF SER -39-ZSFF SER -60mm-ZSFF	SER -36-ZMKFF SER -38-ZMKFF SER -39-ZMKFF SER -60mm-ZMKFF	2 1/4 2 3/8 2 7/16 60mm	4.3307 110.000	2.563 65.10	1.252 31.80	1.0000 25.400	1.563 39.70	1.02 25.8	3.031 77.00	0.295 7.50	0.11 2.70	0.13 3.28	0.437 11.10	4.59 116.60	1.17 29.78	3/8-24x3/8 M10XP1.25	11780	7250
SER -40-ZSFF SER -43-ZSFF SER -70mm-ZSFF	SER -40-ZMKFF SER -43-ZMKFF SER -70mm-ZMKFF	2 1/2 2 11/16 70mm	4.9213 125.000	2.752 69.90	1.374 34.90	1.0630 27.000	1.689 42.90	1.09 27.7	3.425 87.00	0.311 7.90	0.12 3.10	0.16 4.06	0.437 11.10	5.30 134.70	1.28 32.61	3/8-24x3/8 M10XP1.25	13980	8000
SER -46-ZSFF SER -47-ZSFF SER -75mm-ZSFF	SER -46-ZMKFF SER -47-ZMKFF SER -75mm-ZMKFF	2 7/8 2 15/16 75mm	5.1181 130.000	3.063 77.80	1.500 38.10	1.3110 33.300	1.752 44.50	1.22 30.9	3.602 91.50	0.394 10.00	0.12 3.10	0.16 4.06	0.437 11.10	5.50 139.70	1.28 32.61	7/16-20x7/16 M12XP1.5	14000	8800
SER -55-ZSFF	SER -55-ZMKFF	3 7/16	5.9055 150.000	3.374 85.70	1.937 49.20	1.3425 34.100	2.031 51.60	1.62 41.2	4.134 105.00	0.441 11.20	0.12 3.10	0.19 4.90	0.472 12.00	6.29 159.70	1.38 35.00	7/16-20x7/16 M12XP1.5	17680	11600

Insert Bearings
GER Series GRIP-IT 360 Degree Locking





- Popular series used in many roller applications
- Standard load capacity
- Wide inner ring with cylindrical outer ring and snap ring
- Relubrication groove with oil hole on side opposite of locking collar
- Black oxide plated inner and outer rings
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

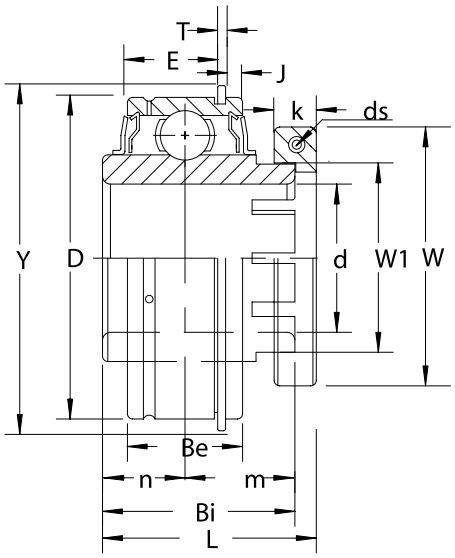
Dimensions in / mm

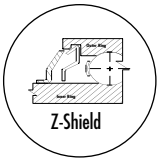
Unit No.	Shaft Diam.	D	Bi	Be	L	n	m	E	W1	J	T	Y	K	W	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Load Rating (Lbs.) Static
GER204 -12 GER204 -20mm	3/4 20mm	1.8504 47.000	1.220 31.00	0.752 19.10	1.37 34.9	0.5000 12.700	0.720 18.30	0.60 15.3	1.130 28.70	0.10 2.46	0.05 1.35	2.07 52.70	0.37 9.5	1.756 44.60	8-32X5/8	2900	1410
GER205 -14 GER205 -15 GER205 -16 GER205 -25mm	7/8 15/16 1 25mm	2.0472 52.000	1.358 34.50	0.752 19.10	1.51 38.4	0.5630 14.300	0.795 20.20	0.60 15.3	1.327 33.70	0.10 2.46	0.05 1.35	2.28 57.90	0.37 9.5	1.937 49.20	8-32X5/8	3150	1610
GER206 -17 GER206 -18 GER206 -19 GER206 -20 GER206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.874 22.20	1.65 41.9	0.6260 15.900	0.874 22.20	0.67 17.0	1.567 39.80	0.13 3.28	0.07 1.90	2.67 67.70	0.37 9.3	2.185 55.50	8-32X5/8	4370	2320
GER207 -20 GER207 -21 GER207 -22 GER207 -23 GER207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.937 23.80	1.87 47.5	0.6890 17.500	1.000 25.40	0.73 18.6	1.843 46.80	0.13 3.28	0.07 1.90	3.09 78.60	0.44 11.2	2.575 65.40	10-24x3/4	5770	3150
GER208 -24 GER208 -25 GER208 -40mm	1 1/2 1 9/16 40mm	3.1496 80.000	1.937 49.20	1.094 27.80	2.11 53.7	0.7480 19.000	1.189 30.20	0.89 22.6	2.067 52.50	0.13 3.28	0.07 1.90	3.41 86.60	0.43 11.0	2.693 68.40	10-24x3/4	7340	3650
GER209 -26 GER209 -27 GER209 -28 GER209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	1.094 27.80	2.12 53.9	0.7480 19.000	1.189 30.20	0.89 22.6	2.256 57.30	0.13 3.28	0.07 1.90	3.61 91.60	0.45 11.5	2.933 74.50	10-24x3/4	7350	4150
GER210 -30 GER210 -31 GER210 -32 GER210 -50mm	1 7/8 1 15/16 2 (s) 50mm	3.5433 90.000	2.031 51.60	1.126 28.60	2.27 57.6	0.7480 19.000	1.283 32.60	0.89 22.6	2.445 62.10	0.13 3.28	0.11 2.70	3.80 96.50	0.57 14.5	3.386 86.00	1/4-20x1	7880	4650
GER211 -32 GER211 -34 GER211 -35 GER211 -55mm	2 2 1/8 2 3/16 55mm	3.9370 100.000	2.189 55.60	1.189 30.20	2.43 61.7	0.8740 22.200	1.315 33.40	0.95 24.2	2.756 70.00	0.13 3.28	0.11 2.70	4.19 106.50	0.58 14.8	3.504 89.00	1/4-20x1	9740	5850
GER212 -36 GER212 -37 GER212 -38 GER212 -39 GER212 -60mm	2 1/4 2 5/16 2 3/8 2 7/16 60mm	4.3307 110.000	2.563 65.10	1.252 31.80	2.85 72.3	1.0000 25.400	1.563 39.70	1.02 25.8	3.031 77.00	0.13 3.28	0.11 2.70	4.59 116.60	0.69 17.5	4.055 103.00	5/16-18x1	11780	7250

Insert Bearings
GER-ZSFF & GER-ZMKFF Free Spinning Series
GRIP-IT 360 Degree Locking

- ZSFF Series has oil lubrication only while ZMKFF is manufactured with light grease fill to ensure “free running/low drag”
- Standard load capacity
- Wide inner ring with cylindrical outer ring and snap ring
- Relubrication groove with oil hole on side opposite of locking collar
- Black oxide plated inner and outer rings
- Standard seal: ‘Z’ -non contact shields with slinger cover

Options seals: See page 83

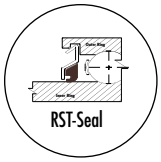


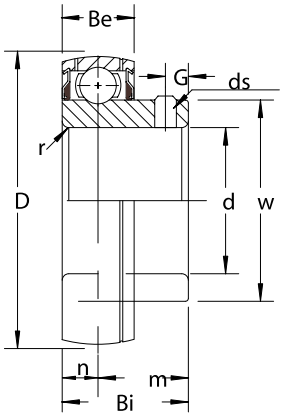


Dimensions in mm

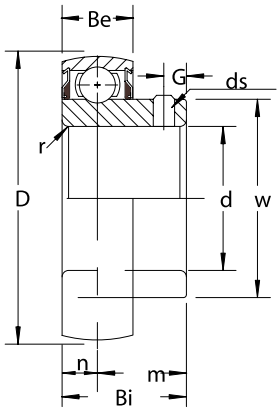
Unit No.		Shaft Diam.	D	Bi	Be	L	n	m	E	W1	J	T	Y	K	W	ds (UNF-Thread)	Load Rating (Lbs.)	
																	Dynamic	Static
GER204-12-ZSFF GER204-20mm-ZSFF	GER204-12-ZMKFF GER204-20mm-ZMKFF	3/4 20mm	1.8504 47.000	1.220 31.00	0.752 19.10	1.37 34.9	0.5000 12.700	0.720 18.30	0.60 15.3	1.130 28.70	0.10 2.46	0.05 1.35	2.07 52.70	0.37 9.5	1.756 44.60	8-32X5/8	2900	1410
GER205-14-ZSFF GER205-15-ZSFF GER205-16-ZSFF GER205-25mm-ZSFF	GER205-14-ZMKFF GER205-15-ZMKFF GER205-16-ZMKFF GER205-25mm-ZMKFF	7/8 15/16 1 25mm	2.0472 52.000	1.358 34.50	0.752 19.10	1.51 38.4	0.5630 14.300	0.795 20.20	0.60 15.3	1.327 33.70	0.10 2.46	0.05 1.35	2.28 57.90	0.37 9.5	1.937 49.20	8-32X5/8	3150	1610
GER206-17-ZSFF GER206-18-ZSFF GER206-19-ZSFF GER206-20-ZSFF GER206-30mm-ZSFF	GER206-17-ZMKFF GER206-18-ZMKFF GER206-19-ZMKFF GER206-20-ZMKFF GER206-30mm-ZMKFF	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.874 22.20	1.65 41.9	0.6260 15.900	0.874 22.20	0.67 17.0	1.567 39.80	0.13 3.28	0.07 1.90	2.67 67.70	0.37 9.3	2.185 55.50	8-32X5/8	4370	2320
GER207-20-ZSFF GER207-21-ZSFF GER207-22-ZSFF GER207-23-ZSFF GER207-35mm-ZSFF	GER207-20-ZMKFF GER207-21-ZMKFF GER207-22-ZMKFF GER207-23-ZMKFF GER207-35mm-ZMKFF	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.937 23.80	1.87 47.5	0.6890 17.500	1.000 25.40	0.73 18.6	1.843 46.80	0.13 3.28	0.07 1.90	3.09 78.60	0.44 11.2	2.575 65.40	10-24x3/4	5770	3150
GER208-24-ZSFF GER208-25-ZSFF GER208-40mm-ZSFF	GER208-24-ZMKFF GER208-25-ZMKFF GER208-40mm-ZMKFF	1 1/2 1 9/16 40mm	3.1496 80.000	1.937 49.20	1.094 27.80	2.11 53.7	0.7480 19.000	1.189 30.20	0.89 22.6	2.067 52.50	0.13 3.28	0.07 1.90	3.41 86.60	0.43 11.0	2.693 68.40	10-24x3/4	7340	3650
GER209-26-ZSFF GER209-27-ZSFF GER209-28-ZSFF GER209-45mm-ZSFF	GER209-26-ZMKFF GER209-27-ZMKFF GER209-28-ZMKFF GER209-45mm-ZMKFF	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	1.094 27.80	2.12 53.9	0.7480 19.000	1.189 30.20	0.89 22.6	2.256 57.30	0.13 3.28	0.07 1.90	3.61 91.60	0.45 11.5	2.933 74.50	10-24x3/4	7350	4150
GER210-30-ZSFF GER210-31-ZSFF GER210-32-ZSFF GER210-50mm-ZSFF	GER210-30-ZMKFF GER210-31-ZMKFF GER210-32-ZMKFF GER210-50mm-ZMKFF	1 7/8 1 15/16 2 (s) 50mm	3.5433 90.000	2.031 51.60	1.126 28.60	2.27 57.6	0.7480 19.000	1.283 32.60	0.89 22.6	2.445 62.10	0.13 3.28	0.11 2.70	3.80 96.50	0.57 14.5	3.386 86.00	1/4-20x1	7880	4650
GER211-32-ZSFF GER211-34-ZSFF GER211-35-ZSFF GER211-55mm-ZSFF	GER211-32-ZMKFF GER211-34-ZMKFF GER211-35-ZMKFF GER211-55mm-ZMKFF	2 2 1/8 2 3/16 55mm	3.9370 100.000	2.189 55.60	1.189 30.20	2.43 61.7	0.8740 22.200	1.315 33.40	0.95 24.2	2.756 70.00	0.13 3.28	0.11 2.70	4.19 106.50	0.58 14.8	3.504 89.00	1/4-20x1	9740	5850
GER212-36-ZSFF GER212-37-ZSFF GER212-38-ZSFF GER212-39-ZSFF GER212-60mm-ZSFF	GER212-36-ZMKFF GER212-37-ZMKFF GER212-38-ZMKFF GER212-39-ZMKFF GER212-60mm-ZMKFF	2 1/4 2 5/16 2 3/8 2 7/16 60mm	4.3307 110.000	2.563 65.10	1.252 31.80	2.85 72.3	1.0000 25.400	1.563 39.70	1.02 25.8	3.031 77.00	0.13 3.28	0.11 2.70	4.59 116.60	0.69 17.5	4.055 103.00	5/16-18x1	11780	7250

Insert Bearings for Units
FHS200-G / FHS200 Series Set Screw Locking





FHS200-G



FHS200

- Standard load capacity
- Narrow inner ring with spherical outer ring
- Relubrication groove with oil hole on set screw side(Shown)
- Oil hole opposite groove makes it interchangeable with all manufacturers (shown)
- Non-relubricatable bearing available (omit "G" from bearing part number)
- Nylon patched class 3A set screws are standard
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83

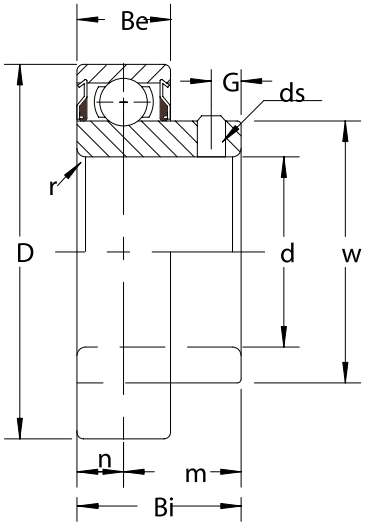
Dimensions in / mm

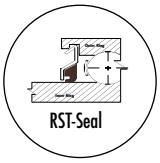
Unit No.	Shaft Diam.	D	Bi	Be	r	n	m	G	W	ds (UNF-Thread)	Load Rating (Lbs.)	
											Dynamic	Static
FHS201 -8G FHS201 -12mmG FHS202 -9G FHS202 -10G FHS202 -15mmG FHS203 -11G FHS203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.5748 40.000	0.886 22.50	0.512 13.00	0.031 0.80	0.2559 6.500	0.630 16.00	0.197 5.00	0.969 24.60	1/4-28x3/16 M6xP1.0	2160	889
FHS204 -12G FHS204 -13G FHS204 -20mmG	3/4 13/16 20mm	1.8504 47.000	0.984 25.00	0.591 15.00	0.059 1.50	0.2953 7.500	0.689 17.50	0.177 4.50	1.130 28.70	1/4-28x1/4 M6xP1.0	2900	1410
FHS205 -12G FHS205 -13G FHS205 -14G FHS205 -15G FHS205 -16G FHS205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	2.0472 52.000	1.063 27.00	0.591 15.00	0.039 1.00	0.2953 7.500	0.768 19.50	0.197 5.00	1.327 33.70	1/4-28x1/4 M6xP1.0	3150	1610
FHS206 -17G FHS206 -18G FHS206 -19G FHS206 -20G FHS206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.181 30.00	0.709 18.00	0.059 1.50	0.3543 9.000	0.827 21.00	0.285 7.24	1.567 39.80	5/16-24x5/16 M8xP1.0	4370	2320
FHS207 -20G FHS207 -21G FHS207 -22G FHS207 -23G FHS207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.260 32.00	0.748 19.00	0.079 2.00	0.3740 9.500	0.886 22.50	0.276 7.00	1.843 46.80	5/16-24x5/16 M8xP1.0	5770	3150
FHS208 -24G FHS208 -25G FHS208 -40mmG	1 1/2 1 9/16 40mm	3.1496 80.000	1.496 38.00	0.866 22.00	0.079 2.00	0.4331 11.000	1.063 27.00	0.311 7.90	2.067 52.50	5/16-24x5/16 M8xP1.0	7340	3650
FHS209 -26G FHS209 -27G FHS209 -28G FHS209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.555 39.50	0.866 22.00	0.079 2.00	0.4331 11.000	1.122 28.50	0.315 8.00	2.256 57.30	5/16-24x5/16 M8xP1.0	7350	4150
FHS210 -29G FHS210 -30G FHS210 -31G FHS210 -32G FHS210 -50mmG	1 13/16 1 7/8 1 15/16 2 50mm	3.5433 90.000	1.717 43.60	0.866 22.00	0.079 2.00	0.4331 11.000	1.283 32.60	0.394 10.00	2.445 62.10	3/8-24x3/8 M10xP1.25	7880	4650
FHS211 -32G FHS211 -33G FHS211 -34G FHS211 -35G FHS211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	3.9370 100.000	2.756 70.00	0.984 25.00	0.098 2.50	0.4921 12.500	1.315 33.40	0.394 10.00	2.756 70.00	3/8-24x3/8 M10xP1.25	9740	5850

Insert Bearings
FHSR200 Series Set Screw Locking

- Standard load capacity
- Narrow inner ring with cylindrical outer ring
- Non-relubricatable bearing is standard (shown)
- Nylon patched class 3A set screws are standard
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83





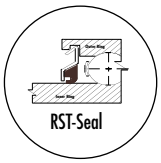
Dimensions in / mm

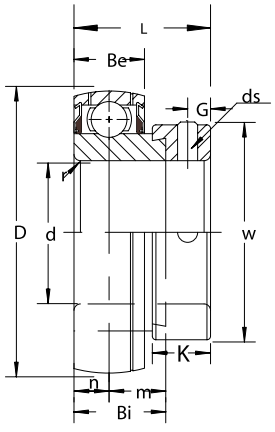
Unit No.	Shaft Diam.	D	Bi	Be	r	n	m	G	W	ds (UNF-Thread)	Load Rating (Lbs.)	
											Dynamic	Static
FHSR201 -8 FHSR201 -12mm FHSR202 -9 FHSR202 -10 FHSR202 -15mm FHSR203 -11 FHSR203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.5748 40.000	0.886 22.50	0.512 13.00	0.031 0.80	0.2559 6.500	0.630 16.00	0.197 5.00	0.969 24.60	1/4-28x3/16 M6xP1.0	2160	889
FHSR204 -12 FHSR204 -13 FHSR204 -20mm	3/4 13/16 20mm	1.8504 47.000	0.984 25.00	0.591 15.00	0.059 1.50	0.2953 7.500	0.689 17.50	0.177 4.50	1.130 28.70	1/4-28x1/4 M6xP1.0	2900	1410
FHSR205 -12 FHSR205 -13 FHSR205 -14 FHSR205 -15 FHSR205 -16 FHSR205 -25mm	3/4 13/16 7/8 15/16 1 25mm	2.0472 52.000	1.063 27.00	0.591 15.00	0.039 1.00	0.2953 7.500	0.768 19.50	0.197 5.00	1.327 33.70	1/4-28x1/4 M6xP1.0	3150	1610
FHSR206 -17 FHSR206 -18 FHSR206 -19 FHSR206 -20 FHSR206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.181 30.00	0.709 18.00	0.059 1.50	0.3543 9.000	0.827 21.00	0.285 7.24	1.567 39.80	5/16-24x5/16 M8xP1.0	4370	2320
FHSR207 -20 FHSR207 -21 FHSR207 -22 FHSR207 -23 FHSR207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.260 32.00	0.748 19.00	0.079 2.00	0.3740 9.500	0.886 22.50	0.276 7.00	1.843 46.80	5/16-24x5/16 M8xP1.0	5770	3150
FHSR208 -24 FHSR208 -25 FHSR208 -40mm	1 1/2 1 9/16 40mm	3.1496 80.000	1.496 38.00	0.866 22.00	0.079 2.00	0.4331 11.000	1.063 27.00	0.311 7.90	2.067 52.50	5/16-24x5/16 M8xP1.0	7340	3650
FHSR209 -26 FHSR209 -27 FHSR209 -28 FHSR209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.555 39.50	0.866 22.00	0.079 2.00	0.4331 11.000	1.122 28.50	0.315 8.00	2.256 57.30	5/16-24x5/16 M8xP1.0	7350	4150
FHSR210 -29 FHSR210 -30 FHSR210 -31 FHSR210 -32 FHSR210 -50mm	1 13/16 1 7/8 1 15/16 2 50mm	3.5433 90.000	1.717 43.60	0.866 22.00	0.079 2.00	0.4331 11.000	1.283 32.60	0.394 10.00	2.445 62.10	3/8-24x3/8 M10xP1.25	7880	4650
FHSR211 -32 FHSR211 -33 FHSR211 -34 FHSR211 -35 FHSR211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	3.9370 100.000	2.756 70.00	0.984 25.00	0.098 2.50	0.4921 12.500	1.315 33.40	0.394 10.00	2.756 70.00	3/8-24x3/8 M10xP1.25	9740	5850

1. *FHSR series can be made with relubrication feature: Example: FHSR205-16G*
2. *Bearings also available with snap ring installed on the outer race. To order, add suffix 'NR': Example: FHSR205-16NR.*

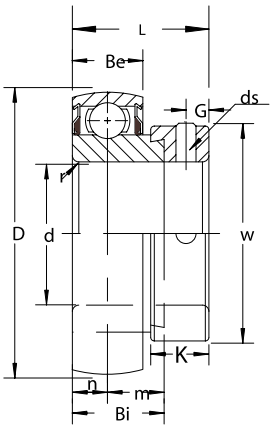
Insert Bearings for Units

FH200-G / FH200 Series Eccentric Locking Collar





FH200-G



FH200

- Standard load capacity
- Narrow inner ring with spherical outer ring
- Relubrication groove with oil hole on locking collar side (shown)
- Oil hole opposite groove makes it interchangeable with all manufacturers (shown)
- Non-relubricatable bearing available (omit "G" from bearing part number)
- Nylon patched class 3A set screw in collar is standard
- Standard seal: RST tight riding, full cover, metal shroud seals

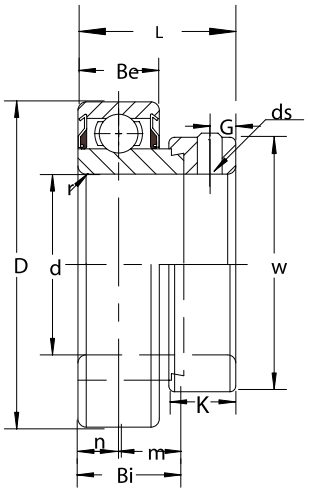
Optional seals: See page 83

Unit No.	Shaft Diam.	D	L	Bi	Be	r	n	m	W	K	G	ds (UNF-Thread)	Load Rating (Lbs.)	
													Dynamic	Static
FH201 -8G FH201 -12mmG FH202 -9G FH202 -10G FH202 -15mmG FH203 -11G FH203 -17mmG	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.5748 40.000	1.13 28.6	0.750 19.05	0.512 13.00	0.031 0.80	0.2559 6.500	0.494 12.55	1.126 28.60	0.53 13.5	0.197 5.00	1/4-28x1/4 M6xP1.0	2160	889
FH204 -12G FH204 -13G FH204 -20mmG	3/4 13/16 20mm	1.8504 47.000	1.22 31.0	0.843 21.41	0.591 15.00	0.059 1.50	0.2953 7.500	0.548 13.91	1.260 32.00	0.53 13.5	0.189 4.80	1/4-28x1/4 M6xP1.0	2900	1410
FH205 -12G FH205 -13G FH205 -14G FH205 -15G FH205 -16G FH205 -25mmG	3/4 13/16 7/8 15/16 1 25mm	2.0472 52.000	1.22 31.0	0.846 21.50	0.591 15.00	0.059 1.50	0.2953 7.500	0.551 14.00	1.500 38.10	0.53 13.5	0.189 4.80	1/4-28x1/4 M6xP1.0	3150	1610
FH206 -17G FH206 -18G FH206 -19G FH206 -20G FH206 -30mmG	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.41 35.7	0.938 23.82	0.709 18.00	0.059 1.50	0.3543 9.000	0.583 14.82	1.752 44.50	0.63 15.9	0.285 7.24	5/16-24x5/16 M8xP1.0	4370	2320
FH207 -20G FH207 -21G FH207 -22G FH207 -23G FH207 -35mmG	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.53 38.9	1.000 25.40	0.748 19.00	0.079 2.00	0.3740 9.500	0.626 15.90	2.189 55.60	0.69 17.5	0.256 6.50	3/8-24x3/8 M10xP1.25	5770	3150
FH208 -24G FH208 -25G FH208 -40mmG	1 1/2 1 9/16 40mm	3.1496 80.000	1.72 43.7	1.188 30.18	0.866 22.00	0.079 2.00	0.4331 11.000	0.755 19.18	2.378 60.40	0.72 18.3	0.276 7.00	3/8-24x3/8 M10xP1.25	7340	3650
FH209 -26G FH209 -27G FH209 -28G FH209 -45mmG	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.72 43.7	1.188 30.18	0.866 22.00	0.079 2.00	0.4331 11.000	0.755 19.18	2.500 63.50	0.72 18.3	0.276 7.00	3/8-24x3/8 M10xP1.25	7350	4150
FH210 -29G FH210 -30G FH210 -31G FH210 -32G FH210 -50mmG	1 13/16 1 7/8 1 15/16 2(s) 50mm	3.5433 90.000	1.72 43.7	1.188 30.18	0.866 22.00	0.079 2.00	0.4331 11.000	0.755 19.18	2.752 69.90	0.72 18.3	0.256 6.50	3/8-24x3/8 M10xP1.25	7880	4650
FH211 -32G FH211 -33G FH211 -34G FH211 -35G FH211 -55mmG	2 2 1/16 2 1/8 2 3/16 55mm	3.9370 100.000	1.91 48.4	1.280 32.50	0.984 25.00	0.098 2.50	0.4921 12.500	0.787 20.00	3.000 76.20	0.81 20.6	0.315 8.00	7/16-20x7/16 M12xP1.25	9740	5850
FH212 -36G FH212 -39G	2 1/4 2 7/16	4.3307 110.000	1.94 49.3	1.319 33.50	1.063 27.00	0.098 2.50	0.5315 13.500	0.787 20.00	3.315 84.20	0.88 22.3	0.315 8.00	7/16-20x7/16 M12xP1.25	11780	7250

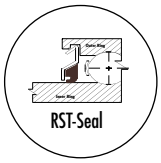
Insert Bearings
FHR200 Series Eccentric Locking Collar

- Standard load capacity
- Narrow inner ring with cylindrical outer ring
- Non-relubricatable bearing is standard (shown)
- Nylon patched class 3A set screw is standard in collar
- Standard seal: RST tight riding, full cover, metal shroud seals

Optional seals: See page 83



FHR200



Unit No.	Shaft Diam.	Dimensions in / mm D	L	Bi	Be	r	n	m	W	K	G	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Static
FHR201 -8 FHR201 -12mm FHR202 -9 FHR202 -10 FHR202 -15mm FHR203 -11 FHR203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.5748 40.000	1.13 28.6	0.750 19.05	0.512 13.00	0.031 0.80	0.2559 6.500	0.494 12.55	1.126 28.60	0.53 13.5	0.197 5.00	1/4-28x1/4 M6xP1.0	2160	889
FHR204 -12 FHR204 -13 FHR204 -20mm	3/4 13/16 20mm	1.8504 47.000	1.22 31.0	0.843 21.41	0.591 15.00	0.059 1.50	0.2953 7.500	0.548 13.91	1.260 32.00	0.53 13.5	0.189 4.80	1/4-28x1/4 M6xP1.0	2900	1410
FHR205 -12 FHR205 -13 FHR205 -14 FHR205 -15 FHR205 -16 FHR205 -25mm	3/4 13/16 7/8 15/16 1 25mm	2.0472 52.000	1.22 31.0	0.846 21.50	0.591 15.00	0.059 1.50	0.2953 7.500	0.551 14.00	1.500 38.10	0.53 13.5	0.189 4.80	1/4-28x1/4 M6xP1.0	3150	1610
FHR206 -17 FHR206 -18 FHR206 -19 FHR206 -20 FHR206 -30mm	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.41 35.7	0.938 23.82	0.709 18.00	0.059 1.50	0.3543 9.000	0.583 14.82	1.752 44.50	0.63 15.9	0.285 7.24	5/16-24x5/16 M8xP1.0	4370	2320
FHR207 -20 FHR207 -21 FHR207 -22 FHR207 -23 FHR207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.53 38.9	1.000 25.40	0.748 19.00	0.079 2.00	0.3740 9.500	0.626 15.90	2.189 55.60	0.69 17.5	0.256 6.50	3/8-24x3/8 M10xP1.25	5770	3150
FHR208 -24 FHR208 -25 FHR208 -40mm	1 1/2 1 9/16 40mm	3.1496 80.000	1.72 43.7	1.188 30.18	0.866 22.00	0.079 2.00	0.4331 11.000	0.755 19.18	2.378 60.40	0.72 18.3	0.276 7.00	3/8-24x3/8 M10xP1.25	7340	3650
FHR209 -26 FHR209 -27 FHR209 -28 FHR209 -45mm	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.72 43.7	1.188 30.18	0.866 22.00	0.079 2.00	0.4331 11.000	0.755 19.18	2.500 63.50	0.72 18.3	0.276 7.00	3/8-24x3/8 M10xP1.25	7350	4150
FHR210 -29 FHR210 -30 FHR210 -31 FHR210 -32 FHR210 -50mm	1 13/16 1 7/8 1 15/16 2(s) 50mm	3.5433 90.000	1.72 43.7	1.188 30.18	0.866 22.00	0.079 2.00	0.4331 11.000	0.755 19.18	2.752 69.90	0.72 18.3	0.256 6.50	3/8-24x3/8 M10xP1.25	7880	4650
FHR211 -32 FHR211 -33 FHR211 -34 FHR211 -35 FHR211 -55mm	2 2 1/16 2 1/8 2 3/16 55mm	3.9370 100.00	1.91 48.4	1.280 32.50	0.984 25.00	0.098 2.50	0.4921 12.500	0.787 20.00	3.000 76.20	0.81 20.6	0.315 8.00	7/16-20x7/16 M12xP1.25	9740	5850
FHR212 -36 FHR212 -39	2 1/4 2 7/16	4.3307 110.00	1.94 49.3	1.319 33.50	1.063 27.00	0.098 2.50	0.5315 13.500	0.787 20.00	3.315 84.20	0.88 22.3	0.315 8.00	7/16-20x7/16 M12xP1.25	11780	7250

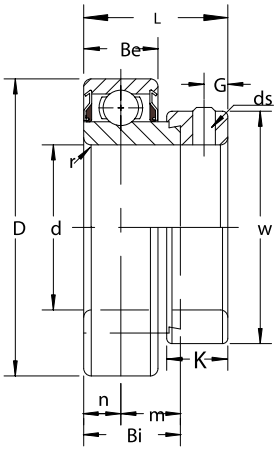
1. *FHR series can be made with relubrication feature: Example: FHR205-16G*
2. *Bearings also available with snap ring installed on the outer race. To order, add suffix 'NR': Example: FHR205-16NR*

Insert Bearings

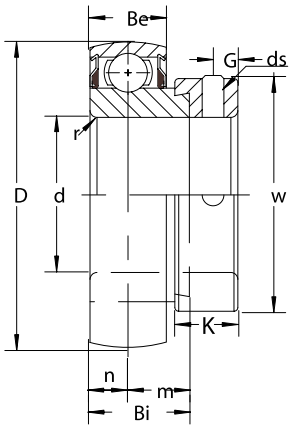
FHRL200 / FHL200 Series Eccentric Locking Collar

- Lighter load capacity compared to FHR200 Series
- Narrow inner ring
- Non-relubricatable bearing
- Nylon patched class 3A set screw in collar is standard
- Standard seal: RST tight riding, full cover, metal shroud seals

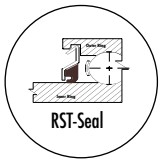
Optional seals: See page 83



FHRL - Cylindrical outer ring



FHL- Spherical outer ring



Dimensions in / mm

Cylindrical OD Unit No.	Spherical OD Unit No.	Shaft Diam.	D	L	Bi	Be	n	m	W	K	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Load Rating (Lbs.) Static
FHRL201 -8 FHRL202 -9 FHRL202 -10	FHL201 -8 FHL202 -9 FHL202 -10	1/2 9/16 5/8	1.3780 35.000	0.94 24.0	0.6260 15.900	0.4331 11.000	0.2165 5.500	0.4094 10.400	1.000 25.40	0.44 11.1	10-32x1/4	1700	680
FHRL6004 -12	FHL6004 -12	3/4	1.6535 42.000	0.97 24.6	0.6575 16.700	0.4724 12.000	0.2362 6.000	0.4213 10.700	1.173 29.80	0.44 11.1	10-32x1/4	2320	1000
FHRL6005 -13 FHRL6005 -14 FHRL6005 -15 FHRL6005 -16	FHL6005 -13 FHL6005 -14 FHL6005 -15 FHL6005 -16	13/16 7/8 15/16 1	1.8504 47.000	1.00 25.4	0.6890 17.500	0.4724 12.000	0.2362 6.000	0.4528 11.500	1.421 36.10	0.47 11.9	10-32x1/4	2500	1120
FHRL6006 -17 FHRL6006 -18 FHRL6006 -19 FHRL6006 -20	FHL6006 -17 FHL6006 -18 FHL6006 -19 FHL6006 -20	1 1/16 1 1/8 1 3/16 1 1/4	2.1654 55.000	1.03 26.2	0.7205 18.300	0.5118 13.000	0.2559 6.500	0.4646 11.800	1.673 42.50	0.47 11.9	10-32x1/4	3350	1560

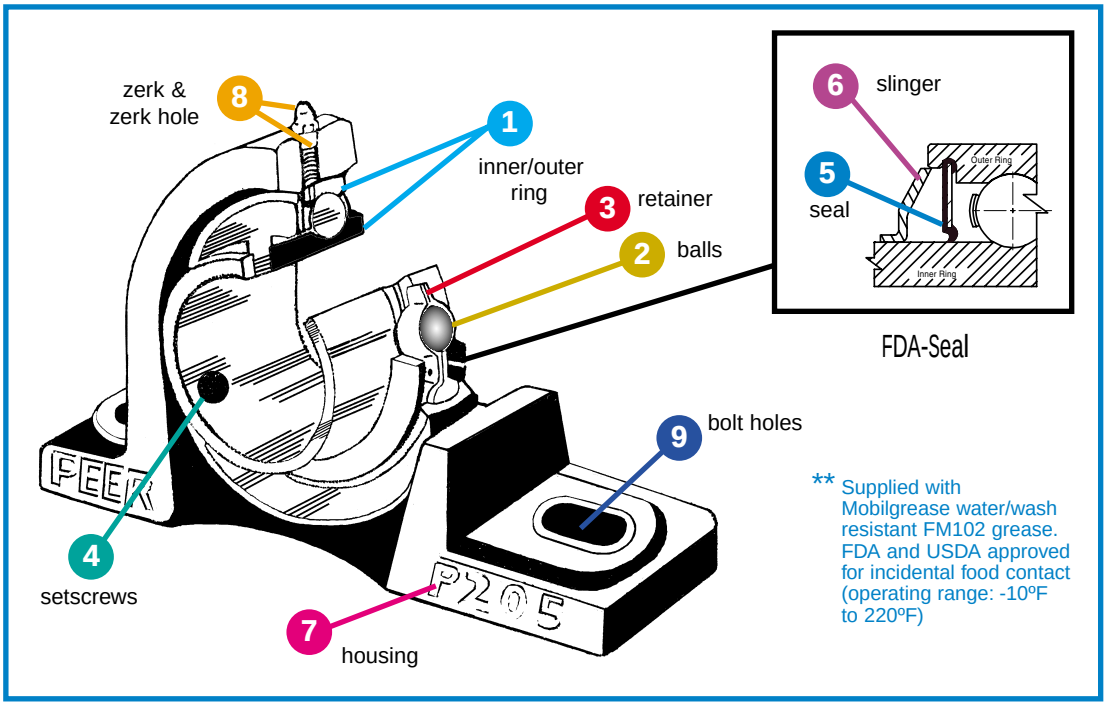
Corrosion Resistant Material Specifications

All Stainless Steel Units**
Example: SSUCP205-16

1. Stainless steel AISI 440C
2. Stainless steel AISI 440C
3. Stainless steel AISI 302
4. Stainless steel AISI 420
5. FDA approved silicone rubber (-10ºF to 220ºF)
6. Stainless steel AISI 302
7. Solid base stainless steel AISI 304
8. Stainless steel AISI 304

Thermoplastic Housings**
With Stainless Steel Bearings
Example: SUCP205-16-PBT

1. Stainless steel AISI 440C
2. Stainless steel AISI 440C
3. Stainless steel AISI 302
4. Stainless steel AISI 420
5. FDA approved silicone rubber (-10ºF to 220ºF)
6. Stainless steel AISI 302
7. G.E. Valox® 420 glass filled PBT (thermoplastic) solid base
8. Stainless steel zerk and stainless steel lined zerk hole for added strength
9. Stainless steel bolt bushing for added strength



** Supplied with Mobilgrease water/wash resistant FM102 grease. FDA and USDA approved for incidental food contact (operating range: -10ºF to 220ºF)

Thermoplastic Housings**
With Zinc Chromate Bearings
Example: ZUCP205-16-PBT

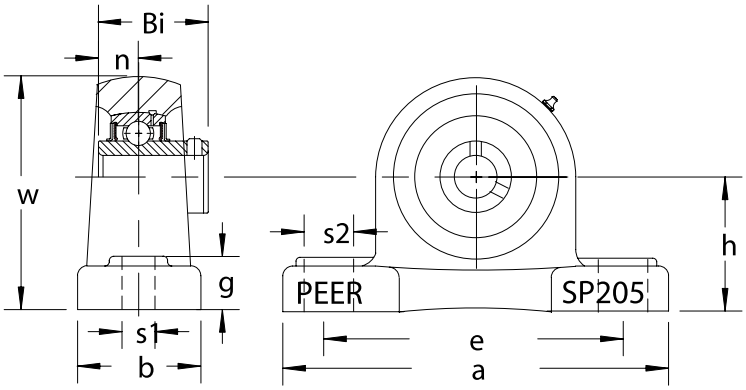
1. Zinc chromate plated (4-6um thick) 52100 steel
2. Stainless steel AISI 440C
3. Stainless steel AISI 302
4. Stainless steel AISI 420
5. FDA approved silicone rubber (-10ºF to 220ºF)
6. Stainless steel AISI 302
7. G.E. Valox® 420 glass filled PBT (thermoplastic) solid base
8. Stainless steel zerk and stainless steel lined zerk hole for added strength
9. Stainless steel bolt bushing for added strength

Electroless Nickel Plated Housings
With Black Oxide Bearings
Example: UCP205-16-BENP

1. Black oxide plated 52100 steel
2. 52100 steel-grade 10
3. Stamped steel C1010
4. Black oxide plated steel
5. Buna-N rubber bonded to steel shroud
6. Black oxide plated steel
7. Electroless nickel (.001" thick) plated over cast or ductile iron
8. Clear zinc plated steel zerk

Grease: Shell Alvania RL2

All Stainless Steel Pillow Block Units
SSUCP200 Series Set Screw Locking



- For stainless steel grade specifications, see page 101
- Solid Base housing construction
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger

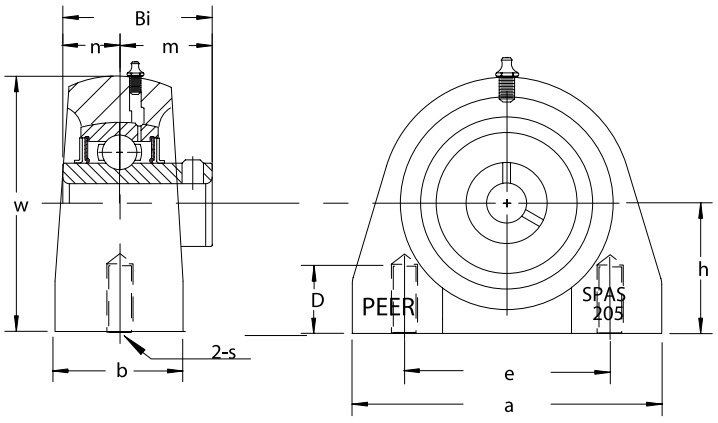
Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
SSUCP201 -8 SSUCP201 -12mm SSUCP202 -9 SSUCP202 -10 SSUCP202 -15mm SSUCP203 -11 SSUCP203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 5/16 33.30	5 127.0	3 3/4 95.0	1 1/2 38.0	1/2 13.0	3/4 19.0	1/2 13.0	2 9/16 65.0	1.22 31.00	0.500 12.70	3/8	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	SP-204-HA
SSUCP204 -12 SSUCP204 -20mm	3/4 20mm	1 5/16 33.30	5 127.0	3 3/4 95.0	1 1/2 38.0	1/2 13.0	3/4 19.0	1/2 13.0	2 9/16 65.0	1.22 31.00	0.500 12.70	3/8	SUC204 -12 SUC204 -20mm	SP-204-HA
SSUCP205 -14 SSUCP205 -15 SSUCP205 -16 SSUCP205 -25mm	7/8 15/16 1 25mm	1 7/16 36.50	5 1/2 140.0	4 1/8 105.0	1 1/2 38.0	1/2 13.0	3/4 19.0	19/32 15.0	2 25/32 71.0	1.34 34.10	0.563 14.30	3/8	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	SP-205-HA
SSUCP206 -18 SSUCP206 -19 SSUCP206 -20 SSUCP206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.90	6 1/2 165.0	4 3/4 121.0	1 7/8 48.0	21/32 17.0	25/32 20.0	21/32 17.0	3 5/16 84.0	1.50 38.10	0.626 15.90	1/2	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	SP-206-HA
SSUCP207 -20 SSUCP207 -21 SSUCP207 -22 SSUCP207 -23 SSUCP207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.60	6 9/16 167.0	5 127.0	1 7/8 48.0	21/32 17.0	25/32 20.0	3/4 19.0	3 21/32 93.0	1.69 42.90	0.689 17.50	1/2	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	SP-207-HA
SSUCP208 -24 SSUCP208 -40mm	1 1/2 40mm	1 15/16 49.20	7 1/4 184.0	5 13/32 137.0	2 1/8 54.0	21/32 17.0	25/32 20.0	25/32 20.0	3 27/32 98.0	1.94 49.20	0.748 19.00	1/2	SUC208 -24 SUC208 -40mm	SP-208-HA
SSUCP209 -27 SSUCP209 -28 SSUCP209 -45mm	1 11/16 1 3/4 45mm	2 1/8 54.00	7 15/16 190.0	5 3/4 146.0	2 1/8 54.0	21/32 17.0	25/32 20.0	25/32 20.0	4 3/16 106.0	1.94 49.20	0.748 19.00	1/2	SUC209 -27 SUC209 -28 SUC209 -45mm	SP-209-HA
SSUCP210 -31 SSUCP210 -32 SSUCP210 -50mm	1 15/16 2(s) 50mm	2 1/4 57.20	8 1/8 206.0	6 1/4 159.0	2 3/8 60.0	25/32 20.0	7/8 22.0	7/8 22.0	4 31/64 114.0	2.03 51.60	0.748 19.00	5/8	SUC210 -31 SUC210 -32 SUC210 -50mm	SP-210-HT
SSUCP211 -32 SSUCP211 -35 SSUCP211 -55mm	2 2 3/16 55mm	2 1/2 63.50	8 5/8 219.0	6 23/32 171.0	2 3/8 60.0	25/32 20.0	7/8 22.0	7/8 22.0	4 29/32 125.0	2.19 55.60	0.874 22.20	5/8	SUC211 -32 SUC211 -35 SUC211 -55mm	SP-211-HT
SSUCP212 -39 SSUCP212 -60mm	2 7/16 60mm	2 3/4 69.80	9 1/2 241.0	7 1/4 184.0	2 3/4 70.0	25/32 20.0	1 25.0	1 25.0	5 7/16 138.0	2.56 65.10	1.000 25.40	5/8	SUC212 -39 SUC212 -60mm	SP-212-HT

All Stainless Steel Tapped Base Pillow Block Units

SSUCPAS200 Series Set Screw Locking

- For stainless steel grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger

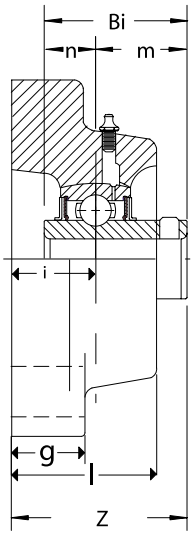


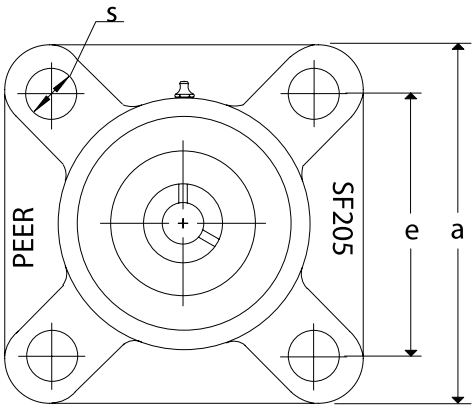
Dimensions in / mm

Unit No.	Shaft Diam.	h	a	e	b	S UNC	w	D	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
SSUCPAS201 -8 SSUCPAS201 -12mm SSUCPAS202 -9 SSUCPAS202 -10 SSUCPAS202 -15mm SSUCPAS203 -11 SSUCPAS203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 5/16 33.3	2 7/8 73.0	2 50.8	1 1/2 38.0	3/8-16	2 9/16 65.0	33/64 13.0	1.22 31.00	0.500 12.70	0.720 18.30	3/8	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	SPAS-204-HT
SSUCPAS204 -12 SSUCPAS204 -20mm	3/4 20mm	1 5/16 33.3	2 7/8 73.0	2 50.8	1 1/2 38.0	3/8-16	2 9/16 65.0	33/64 13.0	1.22 31.00	0.500 12.70	0.720 18.30	3/8	SUC204 -12 SUC204 -20mm	SPAS-204-HT
SSUCPAS205 -14 SSUCPAS205 -15 SSUCPAS205 -16 SSUCPAS205 -25mm	7/8 15/16 1 25mm	1 7/16 36.5	3 76.2	2 50.8	1 1/2 38.0	3/8-16	2 51/64 71.0	33/64 13.0	1.34 34.10	0.563 14.30	0.780 19.80	3/8	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	SPAS-205-HT
SSUCPAS206 -18 SSUCPAS206 -19 SSUCPAS206 -20 SSUCPAS206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.9	4 101.6	3 76.2	1 1/2 38.0	7/16-14	3 25/64 86.0	5/8 16.0	1.50 38.10	0.626 15.90	0.874 22.20	7/16	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	SPAS-206-HT
SSUCPAS207 -20 SSUCPAS207 -21 SSUCPAS207 -22 SSUCPAS207 -23 SSUCPAS207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.6	4 1/4 108.0	3 1/4 82.6	1 57/64 48.0	1/2-13	3 3/4 95.0	3/4 19.0	1.69 42.90	0.689 17.50	1.000 25.40	1/2	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	SPAS-207-HT
SSUCPAS208 -24 SSUCPAS208 -40mm	1 1/2 40mm	1 15/16 49.2	4 39/64 117.0	3 1/2 88.9	1 57/64 48.0	1/2-13	3 15/16 100.0	3/4 19.0	1.94 49.20	0.748 19.00	1.189 30.20	1/2	SUC208 -24 SUC208 -40mm	SPAS-208-HT
SSUCPAS209 -27 SSUCPAS209 -28 SSUCPAS209 -45mm	1 11/16 1 3/4 45mm	2 1/8 54.0	5 127.0	3 3/4 95.3	2 50.8	1/2-13	4 1/4 108.0	3/4 19.0	1.94 49.20	0.748 19.00	1.189 30.20	1/2	SUC209 -27 SUC209 -28 SUC209 -45mm	SPAS-209-HT
SSUCPAS210 -31 SSUCPAS210 -32 SSUCPAS210 -50mm	1 15/16 2(s) 50mm	2 1/4 57.2	5 1/2 140.0	4 101.6	2 50.8	5/8-11	4 39/64 117.0	55/64 22.0	2.03 51.60	0.748 19.00	1.283 32.60	5/8	SUC210 -31 SUC210 -32 SUC210 -50mm	SPAS-210-HT

All Stainless Steel Flange Units 4 Bolt

SSUCF200 Series Set Screw Locking





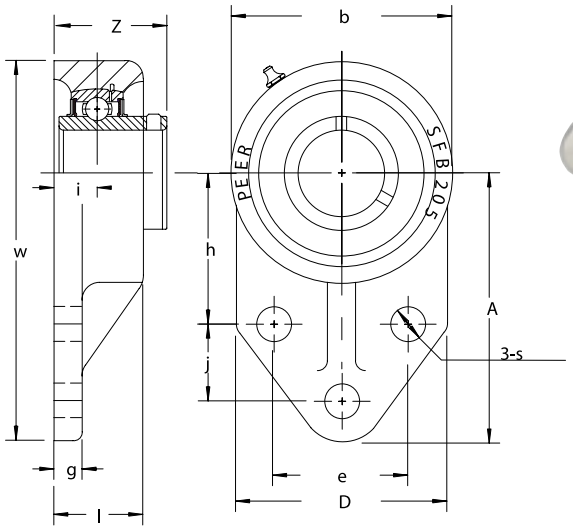
- For stainless steel grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger

Dimensions in / mm

Unit No.	Shaft Diam.	a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
SSUCF201 -8 SSUCF201 -12mm SSUCF202 -9 SSUCF202 -10 SSUCF202 -15mm SSUCF203 -11 SSUCF203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/8 86.0	2 1/2 64.0	19/32 15.0	7/16 11.0	1 25.0	15/32 12.0	1.31 33.3	1.220 31.00	0.500 12.70	0.72 18.30	3/8	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	SF-204-H
SSUCF204 -12 SSUCF204 -20mm	3/4 20mm	3 3/8 86.0	2 1/2 64.0	19/32 15.0	7/16 11.0	1 25.0	15/32 12.0	1.31 33.3	1.220 31.00	0.500 12.70	0.72 18.30	3/8	SUC204 -12 SUC204 -20mm	SF-204-H
SSUCF205 -14 SSUCF205 -15 SSUCF205 -16 SSUCF205 -25mm	7/8 15/16 1 25mm	3 3/4 95.0	2 3/4 70.0	5/8 16.0	1/2 13.0	1 1/16 27.0	15/32 12.0	1.41 35.8	1.343 34.10	0.563 14.30	0.78 19.80	3/8	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	SF-205-H
SSUCF206 -18 SSUCF206 -19 SSUCF206 -20 SSUCF206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 108.0	3 1/4 83.0	45/64 18.0	1/2 13.0	1 7/32 31.0	15/32 12.0	1.58 40.2	1.500 38.10	0.626 15.90	0.87 22.20	3/8	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	SF-206-H
SSUCF207 -20 SSUCF207 -21 SSUCF207 -22 SSUCF207 -23 SSUCF207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 19/32 117.0	3 5/8 92.0	3/4 19.0	19/32 15.0	1 11/32 34.0	35/64 14.0	1.75 44.4	1.689 42.90	0.689 17.50	1.00 25.40	7/16	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	SF-207-H
SSUCF208 -24 SSUCF208 -40mm	1 1/2 40mm	5 1/8 130.0	4 1/64 102.0	53/64 21.0	19/32 15.0	1 13/32 36.0	5/8 16.0	2.02 51.2	1.937 49.20	0.748 19.00	1.19 30.20	1/2	SUC208 -24 SUC208 -40mm	SF-208-H
SSUCF209 -27 SSUCF209 -28 SSUCF209 -45mm	1 11/16 1 3/4 45mm	5 13/32 137.0	4 1/8 105.0	55/64 22.0	5/8 16.0	1 1/2 38.0	5/8 16.0	2.06 52.2	1.937 49.20	0.748 19.00	1.19 30.20	1/2	SUC208 -27 SUC209 -28 SUC209 -45mm	SF-209-H
SSUCF210 -31 SSUCF210 -32 SSUCF210 -50mm	1 15/16 2(s) 50mm	5 5/8 143.0	4 3/8 111.0	55/64 22.0	5/8 16.0	1 9/16 40.0	5/8 16.0	2.15 54.6	2.031 51.60	0.748 19.00	1.28 32.60	1/2	SUC210 -31 SUC210 -32 SUC210 -50mm	SF-210-H
SSUCF211 -32 SSUCF211 -35 SSUCF211 -55mm	2 2 3/16 55mm	6 3/8 162.0	5 1/8 130.0	63/64 25.0	23/32 18.0	1 11/16 43.0	3/4 19.0	2.30 58.4	2.189 55.60	0.874 22.20	1.31 33.40	5/8	SUC211 -32 SUC211 -35 SUC211 -55mm	SF-211-H
SSUCF212 -39 SSUCF212 -60mm	2 7/16 60mm	6 7/8 175.0	5 5/8 143.0	1 9/64 29.0	23/32 18.0	1 7/8 48.0	3/4 19.0	2.70 68.7	2.563 65.10	1.000 25.40	1.56 39.70	5/8	SUC212 -39 SUC212 -60mm	SF-212-H

All Stainless Steel Units Flange Bracket 3 Bolt
SSUCFB200 Series Set Screw Locking

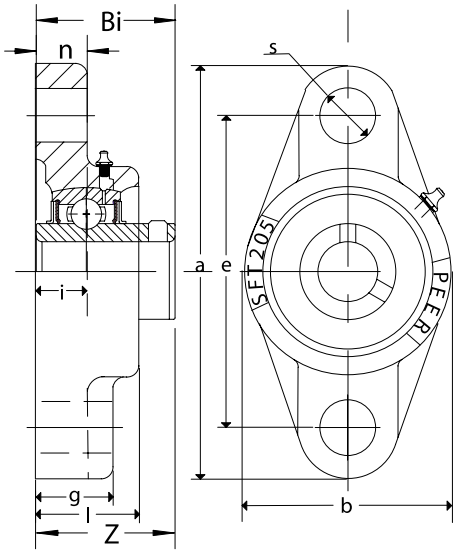
- For stainless steel grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger



Dimensions in / mm

Unit No.	Shaft Diam.	w	A	b	D	i	l	s	g	h	j	e	Z	Bolt Size In.	Bearing No.	Housing No.
SSUCFB201 -8 SSUCFB201 -12mm SSUCFB202 -9 SSUCFB202 -10 SSUCFB202 -15mm SSUCFB203 -11 SSUCFB203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 1/4 108.0	3 76.5	2 1/2 63.0	2 3/8 60.0	5/8 16.0	1 25.4	25/64 9.9	5/16 8.0	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.35 34.3	5/16	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	SFB-204-HA
SSUCFB204 -12 SSUCFB204 -20mm	3/4 20mm	4 1/4 108.0	3 76.5	2 1/2 63.0	2 3/8 60.0	5/8 16.0	1 25.4	25/64 9.9	5/16 8.0	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.35 34.3	5/16	SUC204 -12 SUC204 -20mm	SFB-204-HA
SSUCFB205 -14 SSUCFB205 -15 SSUCFB205 -16 SSUCFB205 -25mm	7/8 15/16 1 25mm	4 3/4 121.0	3 3/8 86.0	2 3/4 70.0	2 1/2 64.0	21/32 17.0	1 1/8 29.0	25/64 9.9	3/8 9.5	1 13/32 46.0	1 1/8 28.6	1 5/8 41.3	1.45 36.8	5/16	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	SFB-205-HA
SSUCFB206 -18 SSUCFB206 -19 SSUCFB206 -20 SSUCFB206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	5 3/8 137.0	3 3/4 95.5	3 1/4 83.0	2 3/4 70.0	47/64 19.0	1 1/4 32.0	25/64 9.9	3/8 9.5	2 1/16 52.4	1 1/4 31.8	1 7/8 47.6	1.62 41.2	5/16	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	SFB-206-HA
SSUCFB207 -20 SSUCFB207 -21 SSUCFB207 -22 SSUCFB207 -23 SSUCFB207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 9/64 156.0	4 17/64 108.5	3 3/4 95.0	3 1/4 82.5	53/64 21.0	1 29/64 37.0	33/64 13.1	17/32 13.5	2 3/8 60.3	1 1/4 31.8	2 50.8	1.83 46.4	7/16	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	SFB-207-HA
SSUCFB208 -24 SSUCFB208 -40mm	1 1/2 40mm	6 15/32 164.0	4 1/2 114.0	3 15/16 100.0	3 1/16 78.0	53/64 21.0	1 11/32 34.0	15/32 11.1	5/8 16.0	2 3/8 60.3	1 5/8 41.0	2 50.8	2.02 51.2	3/8	SUC208 -24 SUC208 -40mm	SFB-208-HA
SSUCFB209 -27 SSUCFB209 -28 SSUCFB209 -45mm	1 11/16 1 3/4 45mm	6 27/64 174.0	4 3/4 121.0	4 11/64 106.0	3 5/32 80.0	53/64 21.0	1 11/32 34.0	15/32 11.1	45/64 18.0	2 9/16 65.0	1 11/16 42.9	2 1/8 54.0	2.02 51.2	3/8	SUC209 -27 SUC209 -28 SUC209 -45mm	SFB-209-HA
SSUCFB210 -31 SSUCFB210 -32 SSUCFB210 -50mm	1 15/16 2(s) 50mm	7 33/64 191.0	5 3/16 132.0	4 41/64 118.0	4 1/16 102.0	53/64 21.0	1 1/2 38.0	33/64 13.1	33/64 13.0	2 15/16 74.6	1 5/8 41.3	2 3/4 69.9	2.11 53.6	7/16	SUC210 -31 SUC210 -32 SUC210 -50mm	SFB-210-HA

All Stainless Steel Flange Units 2 Bolt
SSUCFT200 Series Set Screw Locking



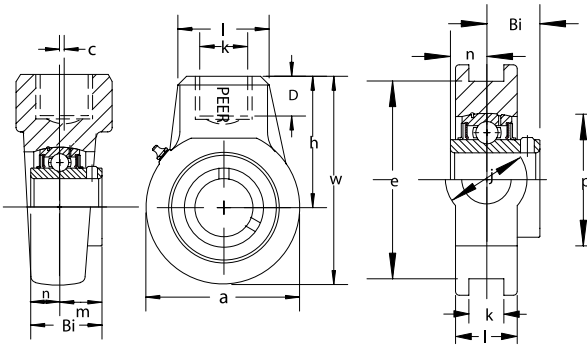
- For stainless steel grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger

Dimensions in / mm

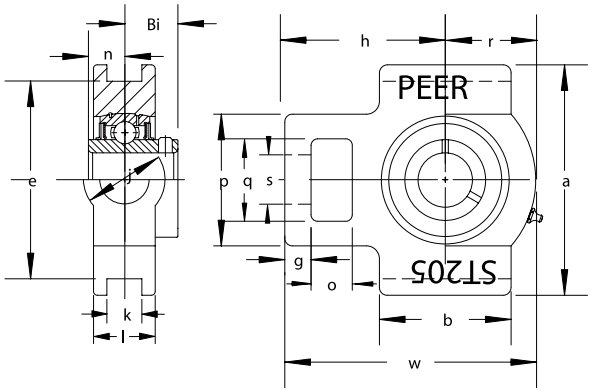
Unit No.	Shaft Diam.	a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
SSUCFT201 -8 SSUCFT201 -12mm SSUCFT202 -9 SSUCFT202 -10 SSUCFT202 -15mm SSUCFT203 -11 SSUCFT203 -17mm	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 29/64 113.0	3 35/64 90.0	19/32 15.0	7/16 11.0	1 25.4	15/32 12.0	2 23/32 60.0	1.3110 33.300	1.220 31.00	0.500 12.70	3/8	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	SFT-204-H
SSUCFT204 -12 SSUCFT204 -20mm	3/4 20mm	4 29/64 113.0	3 35/64 90.0	19/32 15.0	7/16 11.0	1 25.4	15/32 12.0	2 23/32 60.0	1.3110 33.300	1.220 31.00	0.500 12.70	3/8	SUC204 -12 SUC204 -20mm	SFT-204-H
SSUCFT205 -14 SSUCFT205 -15 SSUCFT205 -16 SSUCFT205 -25mm	7/8 15/16 1 25mm	5 1/8 130.0	3 57/64 99.0	5/8 16.0	33/64 13.0	1 1/16 27.0	5/8 16.0	2 43/64 68.0	1.4094 35.800	1.343 34.10	0.563 14.30	1/2	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	SFT-205-H
SSUCFT206 -18 SSUCFT206 -19 SSUCFT206 -20 SSUCFT206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	5 53/64 148.0	4 39/64 117.0	45/64 18.0	33/64 13.0	1 7/32 31.0	5/8 16.0	3 5/32 80.0	1.5827 40.200	1.500 38.10	0.626 15.90	1/2	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	SFT-206-H
SSUCFT207 -20 SSUCFT207 -21 SSUCFT207 -22 SSUCFT207 -23 SSUCFT207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 11/32 161.0	5 1/8 130.0	3/4 19.0	5/8 16.0	1 11/32 34.0	5/8 16.0	3 35/64 90.0	1.7480 44.400	1.689 42.90	0.689 17.50	1/2	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	SFT-207-H
SSUCFT208 -24 SSUCFT208 -40mm	1 1/2 40mm	6 57/64 175.0	5 43/64 144.0	53/64 21.0	5/8 16.0	1 27/64 36.0	5/8 16.0	3 15/16 100.0	2.0157 51.200	1.937 49.20	0.748 19.00	1/2	SUC208 -24 SUC208 -40mm	SFT-208-H
SSUCFT209 -27 SSUCFT209 -28 SSUCFT209 -45mm	1 11/16 1 3/4 45mm	7 13/32 188.0	5 53/64 148.0	55/64 22.0	5/8 16.0	1 1/2 38.0	5/8 16.0	4 1/4 108.0	2.0551 52.200	1.937 49.20	0.748 19.00	1/2	SUC209 -27 SUC209 -28 SUC209 -45mm	SFT-209-H
SSUCFT210 -31 SSUCFT210 -32 SSUCFT210 -50mm	1 15/16 2(s) 50mm	7 3/4 197.0	6 3/16 157.0	55/64 22.0	5/8 16.0	1 37/64 40.0	3/4 19.0	4 17/32 115.0	2.1496 54.600	2.031 51.60	0.748 19.00	5/8	SUC210 -31 SUC210 -32 SUC210 -50mm	SFT-210-H
SSUCFT211-32 SSUCFT211-35 SSUCFT211-55mm	2 2 3/16 55mm	8 13/16 224.0	7 1/4 184.0	63/64 25.0	45/64 18.0	1 11/16 43.0	3/4 19.0	5 1/8 130.0	2.2992 58.400	2.189 55.60	0.874 22.20	5/8	SUC211-32 SUC211-35 SUC211-55MM	SFT-211-H
SSUCFT212-39 SSUCFT212-60mm	2 7/17 60m	9 27/32 250.0	7 61/64 202.0	1 9/64 29.0	45/64 18.0	1 57/64 48.0	29/32 23.0	5 33/64 140.0	2.7047 68.700	2.563 65.10	1.000 25.40	3/4	SUC212-39 SUC212-60MM	SFT-212-H

All Stainless Steel Bearing Units
SSUCHA200 Series / SSUCT200 Series

- For stainless steel grade specifications, see page 101
- Wide inner ring bearing
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger



SSUCHA200



SSUCT200

FDA-Seal

All Stainless Steel Hanger Units SSUCHA Set Screw Locking

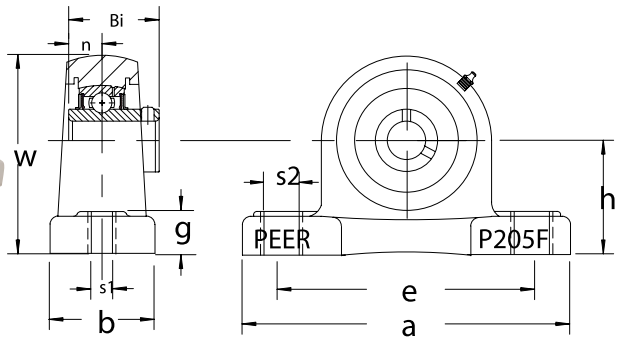
Unit No.	Shaft Diam.	a	w	c	h	l	D	K	Bi	n	m	Bearing No.	Housing No.
		Dimensions in / mm											
SSUCHA201 -8 SSUCHA202 -10 SSUCHA204 -12 SSUCHA204 -20mm	1/2 5/8 3/4 20mm	2 17/32 64.3	3 25/32 96.0	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.220 31.00	0.500 12.70	0.72 18.30	SUC201 -8 SUC202 -10 SUC204 -12 SUC204 -20mm	SHA-204-H
SSUCHA205 -14 SSUCHA205 -15 SSUCHA205 -16 SSUCHA205 -25mm	7/8 15/16 1 25mm	3 1/16 77.8	4 1/16 103.2	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.343 34.10	0.563 14.30	0.78 19.80	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	SHA-205-H
SSUCHA206 -18 SSUCHA206 -19 SSUCHA206 -20 SSUCHA206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	3 1/16 77.8	4 1/16 103.2	0 0	2 33/64 63.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.500 38.10	0.626 15.90	0.87 22.20	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	SHA-206-H
SSUCHA207 -20 SSUCHA207 -21 SSUCHA207 -22 SSUCHA207 -23 SSUCHA207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	3 5/8 92.1	4 9/16 115.9	0 0	2 3/4 69.9	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.689 42.90	0.689 17.50	1.00 25.40	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	SHA-207-H
SSUCHA208 -24 SSUCHA208 -40mm	1 1/2 40mm	3 25/32 96.0	4 3/4 120.7	5/64 2.0	2 7/8 73.0	1 9/16 39.7	3/4 19.1	NPSM-3/4	1.937 49.20	0.748 19.00	1.19 30.20	SUC208 -24 SUC208 -40mm	SHA-208-H
SSUCHA209 -27 SSUCHA209 -28 SSUCHA209 -45mm	1 11/16 1 3/4 45mm	4 1/4 108.0	5 11/32 135.7	13/64 5.2	3 15/64 82.2	1 7/8 47.6	13/16 20.6	NPSM-1	1.937 49.20	0.748 19.00	1.19 30.20	SUC209 -27 SUC209 -28 SUC209 -45mm	SHA-209-H
SSUCHA210 -31 SSUCHA210 -32 SSUCHA210 -50mm	1 15/16 2(s) 50mm	4 21/32 118.3	5 19/32 142.1	13/64 5.2	3 17/64 82.9	1 7/8 47.6	13/16 20.6	NPSM-1	2.031 51.60	0.748 19.00	1.28 32.60	SUC210 -31 SUC210 -32 SUC210 -50mm	SHA-210-H

All Stainless Steel Take Up Units SSUCT200 Set Screw Locking

Unit No.	Shaft Diam.	o	g	p	q	s	b	K	e	a	w	j	l	r	h	Bi	n	Bearing No.	Housing No.
		Dimensions in / mm																	
SSUCT201 -8 SSUCT202 -10 SSUCT204 -12 SSUCT205 -20mm	1/2 5/8 3/4 20mm	5/8 15.9	13/32 10.3	2 50.8	1 1/4 31.8	3/4 19.1	2 50.8	17/32 13.5	3 76.2	3 1/2 88.9	3 23/32 94.4	1 1/4 31.8	13/16 20.6	1 5/16 33.3	2 13/32 61.1	1.220 31.00	0.500 12.70	SUC201 -8 SUC202 -10 SUC204 -12 SUC204 -20mm	ST-204-H
SSUCT205 -14 SSUCT205 -15 SSUCT205 -16 SSUCT205 -25mm	7/8 15/16 1 25mm	5/8 15.9	13/32 10.3	2 50.8	1 1/4 31.8	3/4 19.1	2 50.8	17/32 13.5	3 76.2	3 1/2 88.9	3 13/16 96.8	1 1/4 31.8	15/16 23.8	1 3/8 34.9	2 7/16 61.9	1.343 34.10	0.563 14.30	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	ST-205-H
SSUCT206 -18 SSUCT206 -19 SSUCT206 -20 SSUCT206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	5/8 15.9	13/32 10.3	2 7/32 56.4	1 15/32 37.3	55/64 21.8	2 1/4 57.2	17/32 13.5	3 1/2 88.9	4 1/32 102.4	4 7/16 112.8	1 15/32 37.3	1 3/32 27.8	1 11/16 42.9	2 3/4 69.9	1.500 38.10	0.626 15.90	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	ST-206-H
SSUCT207 -20 SSUCT207 -21 SSUCT207 -22 SSUCT207 -23 SSUCT207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	5/8 15.9	1/2 12.7	2 17/32 64.3	1 15/32 37.3	55/64 21.8	2 17/32 64.3	17/32 13.5	3 1/2 88.9	4 1/32 102.4	5 1/16 128.8	1 15/32 37.3	1 3/16 30.2	2 50.8	3 1/16 77.8	1.689 42.90	0.689 17.50	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	ST-207-H
SSUCT208 -24 SSUCT208 -40mm	1 1/2 40mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 9/32 83.3	11/16 17.5	4 1/64 102.0	4 1/2 114.3	5 11/16 144.5	1 15/16 49.2	1 5/16 33.3	2 27/32 56.4	3 15/32 88.1	1.937 49.20	0.748 19.00	SUC208 -24 SUC208 -40mm	ST-208-H
SSUCT209 -27 SSUCT209 -28 SSUCT209 -45mm	1 11/16 1 3/4 45mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 9/32 83.3	11/16 17.5	4 1/64 102.0	4 19/32 116.7	5 11/16 144.5	1 15/16 49.2	1 3/8 34.9	2 1/4 57.2	3 7/16 87.3	1.937 49.20	0.748 19.00	SUC209 -27 SUC209 -28 SUC209 -45mm	ST-209-H
SSUCT210 -31 SSUCT210 -32 SSUCT210 -50mm	1 15/16 2(s) 50mm	3/4 19.1	5/8 15.9	3 9/32 83.3	1 15/16 49.2	1 9/64 29.0	3 3/8 85.7	11/16 17.5	4 1/64 102.0	4 19/32 116.7	5 27/32 148.4	1 15/16 49.2	1 15/32 37.3	2 5/16 58.7	3 17/32 89.7	2.031 51.60	0.748 19.000	SUC210 -31 SUC210 -32 SUC210 -50mm	ST-210-H

Thermoplastic Pillow Blocks

SUCP200-PBT Stainless Bearing / ZUCP200-PBT Zinc Plated Bearing



- For stainless steel, zinc and PBT grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing with set screws
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger
- End caps and open caps w/shaft seals available

SUCP200-PBT with Stainless Steel Insert Bearings

Unit No.	Shaft Diam.	Dimensions in mm h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
SUCP201 -8-PBT SUCP201 -12m-PBT SUCP202 -9-PBT SUCP202 -10-PBT SUCP202 -15m-PBT SUCP203 -11-PBT SUCP203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 5/16 33.3	5 127.0	3 3/4 95.0	1 1/2 38.0	7/16 11.0	3 5/64 14.0	9/16 14.2	2 9/16 65.0	1.22 31.00	0.500 12.70	3/8	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	P-204-HA-PBT
SUCP204 -12-PBT SUCP204 -20m-PBT	3/4 20mm	1 5/16 33.3	5 127.0	3 3/4 95.0	1 1/2 38.0	7/16 11.0	3 5/64 14.0	9/16 14.2	2 9/16 65.0	1.22 31.00	0.500 12.70	3/8	SUC204 -12 SUC204 -20mm	P-204-HA-PBT
SUCP205 -14-PBT SUCP205 -15-PBT SUCP205 -16-PBT SUCP205 -25m-PBT	7/8 15/16 1 25mm	1 7/16 36.5	5 1/2 140.0	4 1/8 105.0	1 1/2 38.0	7/16 11.0	3 5/64 14.0	9/16 14.5	2 3/4 71.0	1.34 34.10	0.563 14.30	3/8	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	P-205-HA-PBT
SUCP206 -18-PBT SUCP206 -19-PBT SUCP206 -20-PBT SUCP206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.9	6 3/8 162.0	4 11/16 119.0	1 7/8 46.0	17/32 14.0	2 3/32 18.0	11/16 17.8	3 9/32 83.0	1.50 38.10	0.626 15.90	7/16	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	P-206-HA-PBT
SUCP207 -20-PBT SUCP207 -21-PBT SUCP207 -22-PBT SUCP207 -23-PBT SUCP207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.6	6 9/16 167.0	5 127.0	1 7/8 48.0	17/32 14.0	2 3/32 18.0	23/32 18.0	3 11/16 94.0	1.69 42.90	0.689 17.50	1/2	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	P-207-HA-PBT
SUCP208 -24-PBT SUCP208 -40m-PBT	1 1/2 40mm	1 15/16 49.2	7 1/4 184.0	5 3/8 137.0	2 1/8 54.0	17/32 14.0	2 3/32 18.0	25/32 19.5	3 15/16 98.0	1.94 49.20	0.748 19.00	1/2	SUC208 -24 SUC208 -40mm	P-208-HA-PBT

ZUCP200-PBT with Zinc Chromate Plated Insert Bearings

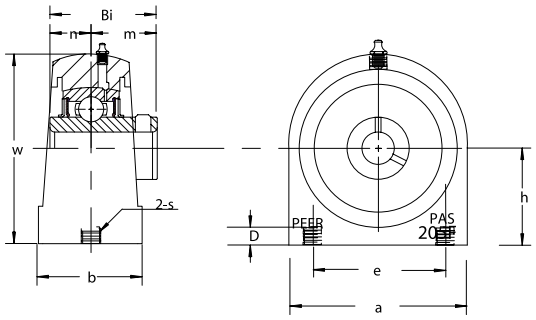
Unit No.	Shaft Diam.	Dimensions in mm h	a	e	b	s1	s2	g	w	Bi	n	Bolt Size In.	Bearing No.	Housing No.
ZUCP201 -8-PBT ZUCP201 -12m-PBT ZUCP202 -9-PBT ZUCP202 -10-PBT ZUCP202 -15m-PBT ZUCP203 -11-PBT ZUCP203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 5/16 33.3	5 127.0	3 3/4 95.0	1 1/2 38.0	7/16 11.0	17/32 14.0	17/32 14.2	2 9/16 65.0	1.22 31.00	0.500 12.70	3/8	ZUC201 -8 ZUC201 -12mm ZUC202 -9 ZUC202 -10 ZUC202 -15mm ZUC203 -11 ZUC203 -17mm	P-204-HA-PBT
ZUCP204 -12-PBT ZUCP204 -20m-PBT	3/4 20mm	1 5/16 33.3	5 127.0	3 3/4 95.0	1 1/2 38.0	7/16 11.0	17/32 14.0	17/32 14.2	2 9/16 65.0	1.22 31.00	0.500 12.70	3/8	ZUC204 -12 ZUC204 -20mm	P-204-HA-PBT
ZUCP205 -14-PBT ZUCP205 -15-PBT ZUCP205 -16-PBT ZUCP205 -25m-PBT	7/16 15/16 1 25mm	1 7/16 36.5	5 1/2 140.0	4 1/8 105.0	1 1/2 8	7/16 11.0	17/32 14.0	9/16 14.5	2 3/4 71.0	1.34 34.10	0.563 14.30	3/8	ZUC205 -14 ZUC205 -15 ZUC205 -16 ZUC205 -25mm	P-205-HA-PBT
ZUCP206 -18-PBT ZUCP206 -19-PBT ZUCP206 -20-PBT ZUCP206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.9	6 3/8 162.0	4 11/16 119.0	1 7/8 46.0	17/32 14.0	23/32 18.0	11/16 17.8	3 9/32 83.0	1.50 38.10	0.626 15.90	7/16	ZUC206 -18 ZUC206 -19 ZUC206 -20 ZUC206 -30mm	P-206-HA-PBT
ZUCP207 -20-PBT ZUCP207 -21-PBT ZUCP207 -22-PBT ZUCP207 -23-PBT ZUCP207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.6	6 9/16 167.0	5 127.0	1 7/8 48.0	17/32 14.0	23/32 18.0	23/32 18.0	3 11/16 94.0	1.69 42.90	0.689 17.50	1/2	ZUC207 -20 ZUC207 -21 ZUC207 -22 ZUC207 -23 ZUC207 -35mm	P-207-HA-PBT
ZUCP208 -24-PBT ZUCP208 -40m-PBT	1 1/2 40mm	1 15/16 49.2	7 1/4 184.0	5 3/8 137.0	2 1/8 54.0	17/32 14.0	23/32 18.0	25/32 19.5	3 15/16 98.0	1.94 49.20	0.748 19.00	1/2	ZUC208 -24 ZUC208 -40mm	P-208-HA-PBT

Also available with black oxide plated insert. Part number example: UCP205-16-BPBT.

Tapped Base Pillow Blocks

SUCPAS200-PBT Stainless Bearing / ZUCPAS200-PBT Zinc Plated Bearing

- For stainless steel, zinc and PBT grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing with set screws
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger
- End caps and open caps w/ shaft seals available



FDA-Seal

SUCPAS200-PBT with Stainless Steel Insert Bearings

Unit No.	Shaft Diam.	h	a	e	b	S UNC	w	D	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm												
SUCPAS201 -8-PBT SUCPAS201 -12m-PBT SUCPAS202 -9-PBT SUCPAS202 -10-PBT SUCPAS202 -15m-PBT SUCPAS203 -11-PBT SUCPAS203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 5/16 33.3	2 7/8 73.0	2 50.8	1 1/2 38.1	3/8-16	2 19/32 65.9	7/16 11.1	1.22 31.00	0.500 12.70	0.720 18.30	3/8	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	PAS-204-HT-PBT
SUCPAS204 -12PBT SUCPAS204 -20m-PBT	3/4 20mm	1 5/16 33.3	2 7/8 73.0	2 50.8	1 1/2 38.1	3/8-16	2 19/32 65.9	7/16 11.1	1.22 31.00	0.500 12.70	0.720 18.30	3/8	SUC204 -12 SUC204 -20mm	PAS-204-HT-PBT
SUCPAS205 -14-PBT SUCPAS205 -15-PBT SUCPAS205 -16-PBT SUCPAS205 -25m-PBT	7/8 15/16 1 25mm	1 7/16 36.5	3 76.2	2 50.8	1 1/2 38.1	3/8-16	2 7/8 72.0	7/16 12.0	1.34 34.10	0.563 14.30	0.780 19.80	3/8	SUC205-14 SUC205 -15 SUC205 -16 SUC205 -25mm	PAS-205-HT-PBT
SUCPAS206 -18-PBT SUCPAS206 -19-PBT SUCPAS206 -20-PBT SUCPAS206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.9	4 101.6	3 76.2	1 1/2 38.1	7/16-14	4 3/8 111.1	11/16 17.5	1.50 38.10	0.626 15.90	0.874 22.20	7/16	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	PAS-206-HT-PBT
SUCPAS207 -20-PBT SUCPAS207 -21-PBT SUCPAS207 -22-PBT SUCPAS207 -23-PBT SUCPAS207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.6	4 3/8 110.0	3 1/4 82.6	1 7/8 48.0	1/2-13	3 13/32 96.0	5/8 16.0	1.69 42.90	0.689 17.50	1.000 25.40	1/2	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	PAS-207-HT-PBT
SUCPAS208 -24-PBT SUCPAS208 -40m-PBT	1 1/2 40mm	1 15/16 49.2	4 3/4 120.0	3 1/2 88.9	1 7/8 48.0	1/2-13	4 101.6	41/64 16.0	1.94 49.20	0.748 19.00	1.189 30.20	1/2	SUC208 -24 SUC208 -40mm	PAS-208-HT-PBT

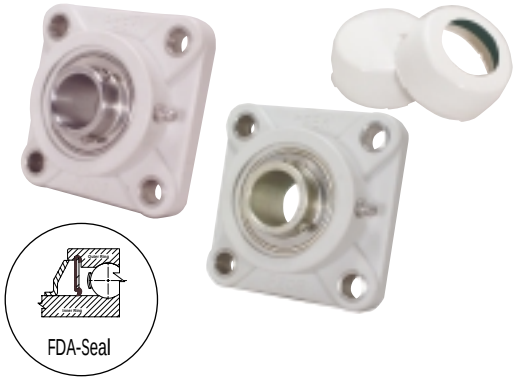
ZUCPAS200-PBT with Zinc Chromate Plated Insert Bearings

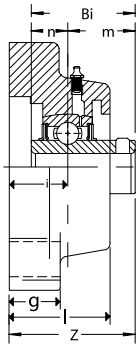
Unit No.	Shaft Diam.	h	a	e	b	S UNC	w	D	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm												
ZUCPAS201 -8-PBT ZUCPAS201 -12m-PBT ZUCPAS202 -9-PBT ZUCPAS202 -10-PBT ZUCPAS202 -15m-PBT ZUCPAS203 -11-PBT ZUCPAS203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1 5/16 33.3	2 7/8 73.0	2 50.8	1 1/2 38.1	3/8-16	2 19/32 65.9	7/16 11.1	1.22 31.00	0.500 12.70	0.720 18.30	3/8	ZUC201 -8 ZUC201 -12mm ZUC202 -9 ZUC202 -10 ZUC202 -15mm ZUC203 -11 ZUC203 -17mm	PAS-204-HT-PBT
ZUCPAS204 -12PBT ZUCPAS204 -20m-PBT	3/4 20mm	1 5/16 33.3	2 7/8 73.0	2 50.8	1 1/2 38.1	3/8-16	2 19/32 65.9	7/16 11.1	1.22 31.00	0.500 12.70	0.720 18.30	3/8	ZUC204 -12 ZUC204 -20mm	PAS-204-HT-PBT
ZUCPAS205 -14-PBT ZUCPAS205 -15-PBT ZUCPAS205 -16-PBT ZUCPAS205 -25m-PBT	7/8 15/16 1 25mm	1 7/16 36.5	3 76.2	2 50.8	1 1/2 38.1	3/8-16	2 7/8 72.0	7/16 12.0	1.34 34.10	0.563 14.30	0.780 19.80	3/8	ZUC205 -14 ZUC205 -15 ZUC205 -16 ZUC205 -25mm	PAS-205-HT-PBT
ZUCPAS206 -18-PBT ZUCPAS206 -19-PBT ZUCPAS206 -20-PBT ZUCPAS206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	1 11/16 42.9	4 101.6	3 76.2	1 1/2 38.1	7/16-14	4 3/8 111.1	11/16 17.5	1.50 38.10	0.626 15.90	0.874 22.20	7/16	ZUC206 -18 ZUC206 -19 ZUC206 -20 ZUC206 -30mm	PAS-206-HT-PBT
ZUCPAS207 -20-PBT ZUCPAS207 -21-PBT ZUCPAS207 -22-PBT ZUCPAS207 -23-PBT ZUCPAS207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	1 7/8 47.6	4 3/8 110.0	3 1/4 82.6	1 7/8 48.0	1/2-13	3 13/32 96.0	5/8 16.0	1.69 42.90	0.689 17.50	1.000 25.40	1/2	ZUC207 -20 ZUC207 -21 ZUC207 -22 ZUC207 -23 ZUC207 -35mm	PAS-207-HT-PBT
ZUCPAS208 -24-PBT ZUCPAS208 -40m-PBT	1 1/2 40mm	1 15/16 49.2	4 3/4 120.0	3 1/2 88.9	1 7/8 48.0	1/2-13	4 101.6	41/64 16.0	1.94 49.20	0.748 19.00	1.189 30.20	1/2	ZUC208 -24 ZUC208 -40mm	PAS-208-HT-PBT

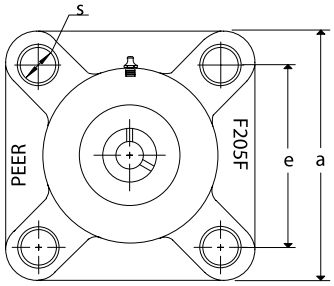
Also available with black oxide plated insert. Part number example: UCPAS205-16-BPBT.

Thermoplastic Flange 4 Bolt

SUCF200-PBT Stainless Bearing / ZUCF200-PBT Zinc Plated Bearing







- For stainless steel, zinc and PBT grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing with set screws
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger
- Base seals, end caps, and open caps w/shaft seals available

SUCF200-PBT with Stainless Steel Insert Bearings

Unit No.	Shaft Diam.	Dimensions in / mm a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
SUCF201 -8-PBT SUCF201 -12m-PBT SUCF202 -9-PBT SUCF202 -10-PBT SUCF202 -15m-PBT SUCF203 -11-PBT SUCF203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/8 86.0	2 1/2 63.5	0.591 15.0	1/2 13.0	1 1/8 28.0	7/16 11.0	1.3110 33.300	1.220 31.00	0.500 12.70	0.72 18.30	3/8	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	F-204-H-PBT
SUCF204 -12-PBT SUCF204 -20m-PBT	3/4 20mm	3 3/8 86.0	2 1/2 63.5	0.591 15.0	1/2 13.0	1 1/8 28.0	7/16 11.0	1.3110 33.300	1.220 31.00	0.500 12.70	0.72 18.30	3/8	SUC204 -12 SUC204 -20mm	F-204-H-PBT
SUCF205 -14-PBT SUCF205 -15-PBT SUCF205 -16-PBT SUCF205 -25m-PBT	7/8 15/16 1 25mm	3 3/4 95.0	2 3/4 70.0	.630 16.0	17/32 14.0	1 3/16 28.0	7/16 11.0	1.4094 35.800	1.343 34.10	0.563 14.30	0.78 19.80	3/8	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	F-205-H-PBT
SUCF206 -18-PBT SUCF206 -19-PBT SUCF206 -20-PBT SUCF206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 107.0	3 1/4 83.0	.709 18.0	17/32 14.0	1 7/32 31.0	7/16 11.0	1.5827 40.200	1.500 38.10	0.626 15.90	0.87 22.20	3/8	SUC205 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	F-206-H-PBT
SUCF207 -20-PBT SUCF207 -21-PBT SUCF207 -22-PBT SUCF207 -23-PBT SUCF207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 5/8 117.0	3 5/8 92.0	.748 19.0	19/32 15.0	1 5/16 33.0	1/2 13.0	1.7480 44.400	1.689 42.90	0.689 17.50	1.00 25.40	1/2	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	F-207-H-PBT
SUCF208 -24-PBT SUCF208 -40m-PBT	1 1/2 40mm	5 1/8 130.0	4 102.0	.827 21.0	21/32 17.0	1 1/2 38.0	17/32 14.0	2.0157 51.200	1.937 49.20	0.748 19.00	1.19 30.20	1/2	SUC208 -24 SUC208 -40mm	F-208-H-PBT

ZUCF200-PBT with Zinc Chromate Plated Insert Bearings

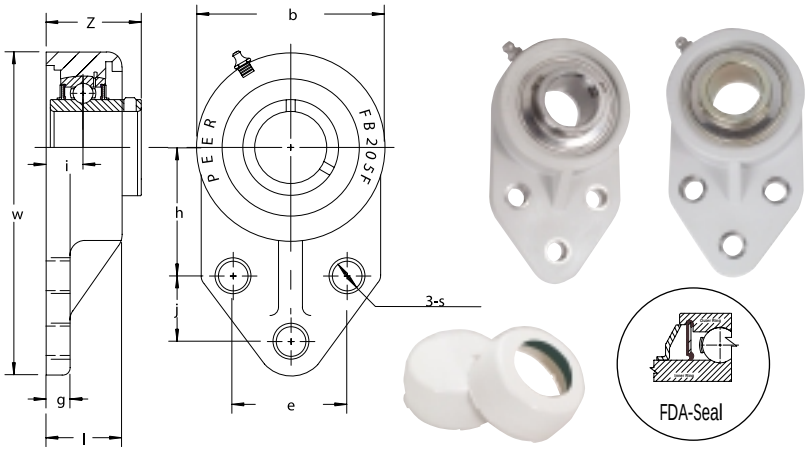
Unit No.	Shaft Diam.	Dimensions in / mm a	e	i	g	l	s	Z	Bi	n	m	Bolt Size In.	Bearing No.	Housing No.
ZUCF201 -8-PBT ZUCF201 -12m-PBT ZUCF202 -9-PBT ZUCF202 -10-PBT ZUCF202 -15m-PBT ZUCF203 -11-PBT ZUCF203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 3/8 86.0	2 1/2 63.5	0.591 15.0	1/2 13.0	1 1/8 28.0	7/16 11.0	1.3110 33.300	1.220 31.00	0.500 12.70	0.72 18.30	3/8	ZUC201 -8 ZUC201 -12mm ZUC202 -9 ZUC202 -10 ZUC202 -15mm ZUC203 -11 ZUC203 -17mm	F-204-H-PBT
ZUCF204 -12-PBT ZUCF204 -20m-PBT	3/4 20mm	3 3/8 86.0	2 1/2 63.5	0.591 15.0	1/2 13.0	1 1/8 28.0	7/16 11.0	1.3110 33.300	1.220 31.00	0.500 12.70	0.72 18.30	3/8	ZUC204 -12 ZUC204 -20mm	F-204-H-PBT
ZUCF205 -14-PBT SUCF205 -15-PBT ZUCF205 -16-PBT ZUCF205 -25m-PBT	7/8 15/16 1 25mm	3 3/4 95.0	2 3/4 70.0	.630 16.0	17/32 14.0	1 3/16 28.0	7/16 11.0	1.4094 35.800	1.343 34.10	0.563 14.30	0.78 19.80	3/8	ZUC205 -14 ZUC205 -15 ZUC205 -16 ZUC205 -25mm	F-205-H-PBT
ZUCF206 -18-PBT ZUCF206 -19-PBT ZUCF206 -20-PBT ZUCF206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	4 1/4 107.0	3 1/4 83.0	.709 18.0	17/32 14.0	1 7/32 31.0	7/16 11.0	1.5827 40.200	1.500 38.10	0.626 15.90	0.87 22.20	3/8	ZUC206 -18 ZUC206 -19 ZUC206 -20 ZUC206 -30mm	F-206-H-PBT
ZUCF207 -20-PBT ZUCF207 -21-PBT ZUCF207 -22-PBT ZUCF207 -23-PBT ZUCF207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 5/8 117.0	3 5/8 92.0	.748 19.0	19/32 15.0	1 5/16 33.0	1/2 13.0	1.7480 44.400	1.689 42.90	0.689 17.50	1.00 25.40	1/2	ZUC207 -20 ZUC207 -21 ZUC207 -22 ZUC207 -23 ZUC207 -35mm	F-207-H-PBT
ZUCF208 -24-PBT ZUCF208 -40m-PBT	1 1/2 40mm	5 1/8 130.0	4 102.0	.827 21.0	21/32 17.0	1 1/2 38.0	17/32 14.0	2.0157 51.200	1.937 49.20	0.748 19.00	1.19 30.20	1/2	ZUC208 -24 ZUC208 -40mm	F-208-H-PBT

Also available with black oxide plated insert. Part number example: UCF205-16-BPBT

Thermoplastic Flange Bracket 3 Bolt

SUCFB200-PBT Stainless Bearing / ZUCFB200-PBT Zinc Plated Bearing

- For stainless steel, zinc and PBT grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing with set screws
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger
- Base seals, end caps, and open caps w/shaft seals available



SUCFB200-PBT with Stainless Steel Insert Bearings

Unit No.	Shaft Diam.	w	A	b	D	i	l	s	g	h	j	e	Z	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm														
SUCFB201 -8-PBT SUCFB201 -12m-PBT SUCFB202 -9-PBT SUCFB202 -10-PBT SUCFB202 -15m-PBT SUCFB203 -11-PBT SUCFB203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 5/16 109.5	3 1/8 79.4	2 3/8 60.3	2 3/8 60.3	5/8 15.9	1 7/64 28.2	25/64 9.9	3/8 9.5	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.3465 34.200	5/16	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	FB-204-HA-PBT
SUCFB204 -12-PBT SUCFB204 -20m-PBT	3/4 20mm	4 5/16 109.5	3 1/8 79.4	2 3/8 60.3	2 3/8 60.3	5/8 15.9	1 7/64 28.2	25/64 9.9	3/8 9.5	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.3465 34.200	5/16	SUC204 -12 SUC204 -20mm	FB-204-HA-PBT
SUCFB205 -14-PBT SUCFB205 -15-PBT SUCFB205 -16-PBT SUCFB205 -25m-PBT	7/8 15/16 1 25mm	4 7/8 123.8	3 33/64 89.5	2 45/64 68.7	2 45/64 68.7	21/32 16.7	1 7/64 28.2	25/64 9.9	3/8 9.5	1 13/16 46.0	1 1/8 28.6	1 5/8 41.3	1.4370 36.500	5/16	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	FB-205-HA-PBT
SUCFB206 -18-PBT SUCFB206 -19-PBT SUCFB206 -20-PBT SUCFB206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	5 3/8 137.0	3 5/16 84.2	3 1/4 83.0	3 76.0	3/4 19.0	1 1/4 32.0	25/64 9.9	17/32 13.0	2 1/16 52.4	1 1/4 31.8	1 7/8 47.6	1.6220 41.200	5/16	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	FB-206-HA-PBT
SUCFB207 -20-PBT SUCFB207 -21-PBT SUCFB207 -22-PBT SUCFB207 -23-PBT SUCFB207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 1/8 156.0	3 5/8 92.1	3 3/4 95.0	3 1/2 89.0	53/64 21.0	1 7/16 37.0	33/64 13.1	41/64 16.0	2 3/8 60.3	1 1/4 31.8	2 50.8	1.8268 46.400	7/16	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	FB-207-HA-PBT

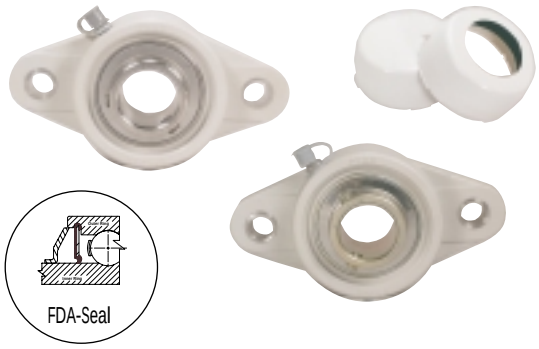
ZUCFB200-PBT with Zinc Chromate Plated Insert Bearings

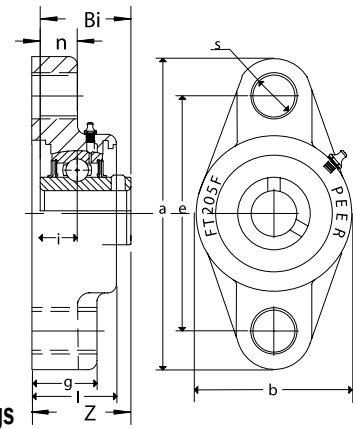
Unit No.	Shaft Diam.	w	A	b	D	i	l	s	g	h	j	e	Z	Bolt Size In.	Bearing No.	Housing No.
		Dimensions in / mm														
ZUCFB201 -8-PBT ZUCFB201 -12m-PBT ZUCFB202 -9-PBT ZUCFB202 -10-PBT ZUCFB202 -15m-PBT ZUCFB203 -11-PBT ZUCFB203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 5/16 109.5	3 1/8 79.4	2 3/8 60.3	2 3/8 60.3	5/8 15.9	1 7/64 28.2	25/64 9.9	3/8 9.5	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.3465 34.200	5/16	ZUC201 -8 ZUC201 -12mm ZUC202 -9 ZUC202 -10 ZUC202 -15mm ZUC203 -11 ZUC203 -17mm	FB-204-HA-PBT
ZUCFB204 -12-PBT ZUCFB204 -20m-PBT	3/4 20mm	4 5/16 109.5	3 1/8 79.4	2 3/8 60.3	2 3/8 60.3	5/8 15.9	1 7/64 28.2	25/64 9.9	3/8 9.5	1 11/16 42.9	7/8 22.2	1 1/2 38.1	1.3465 34.200	5/16	ZUC204 -12 ZUC204 -20mm	FB-204-HA-PBT
ZUCFB205 -14-PBT ZUCFB205 -15-PBT ZUCFB205 -16-PBT ZUCFB205 -25m-PBT	7/8 15/16 1 25mm	4 7/8 123.8	3 33/64 89.5	2 45/64 68.7	2 45/64 68.7	21/32 16.7	1 7/64 28.2	25/64 9.9	3/8 9.5	1 13/16 46.0	1 1/8 28.6	1 5/8 41.3	1.4370 36.500	5/16	ZUC205 -14 ZUC205 -15 ZUC205 -16 ZUC205 -25mm	FB-205-HA-PBT
ZUCFB206 -18-PBT ZUCFB206 -19-PBT ZUCFB206 -20-PBT ZUCFB206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	5 3/8 137.0	3 5/16 84.2	3 1/4 83.0	3 76.0	3/4 19.0	1 1/4 32.0	25/64 9.9	17/32 13.0	2 1/16 52.4	1 1/4 31.8	1 7/8 47.6	1.6220 41.200	5/16	ZUC206 -18 ZUC206 -19 ZUC206 -20 ZUC206 -30mm	FB-206-HA-PBT
ZUCFB207 -20-PBT ZUCFB207 -21-PBT ZUCFB207 -22-PBT ZUCFB207 -23-PBT ZUCFB207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 1/8 156.0	3 5/8 92.1	3 3/4 95.0	3 1/2 89.0	53/64 21.0	1 7/16 37.0	33/64 13.1	41/64 16.0	2 3/8 60.3	1 1/4 31.8	2 50.8	1.8268 46.400	7/16	ZUC207 -20 ZUC207 -21 ZUC207 -22 ZUC207 -23 ZUC207 -35mm	FB-207-HA-PBT

Also available with black oxide plated insert. Part number example: UCFB205-16-BPBT

Thermoplastic Flange 2 Bolt

SUCFT200-PBT Stainless Bearing / ZUCFT200-PBT Zinc Plated Bearings





- For stainless steel, zinc and PBT grade specifications, see page 101
- Solid base housing construction
- Wide inner ring bearing with set screws
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger
- Base seals, end caps, and open caps w/shaft seals available

SUCFT200-PBT with Stainless Steel Insert Bearings

Unit No.	Shaft Diam.	Dimensions in / mm a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
SUCFT201 -8-PBT SUCFT201 -12m-PBT SUCFT202 -9-PBT SUCFT202 -10-PBT SUCFT202 -15m-PBT SUCFT203 -11-PBT SUCFT203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 7/16 113.0	3 35/64 90.0	.591 15.0	7/16 12.0	1 1/16 26.5	7/16 11.0	2 3/8 64.0	1.3110 33.300	1.220 31.00	0.500 12.70	3/8	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	FT-204-H-PBT
SUCFT204 -12-PBT SUCFT204 -20m-PBT	3/4 20mm	4 7/16 113.0	3 35/64 90.0	.591 15.0	7/16 12.0	1 1/16 26.5	7/16 11.0	2 3/8 64.0	1.3110 33.300	1.220 31.00	0.500 12.70	3/8	SUC204 -12 SUC204 -20mm	FT-204-H-PBT
SUCFT205 -14-PBT SUCFT205 -15-PBT SUCFT205 -16-PBT SUCFT205 -25m-PBT	7/8 15/16 1 25mm	5 1/8 130.0	3 57/64 99.0	.630 16.0	1/2 14.0	1 5/32 29.5	7/16 11.0	2 11/16 68.0	1.4094 35.800	1.343 34.10	0.563 14.30	3/8	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	FT-205-H-PBT
SUCFT206 -18-PBT SUCFT206 -19-PBT SUCFT206 -20-PBT SUCFT206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	5 13/16 148.0	4 39/64 117.0	.709 18.0	1/2 14.0	1 7/32 30.5	7/16 11.0	3 1/8 80.0	1.5827 40.200	1.500 38.10	0.626 15.90	3/8	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	FT-206-H-PBT
SUCFT207 -20-PBT SUCFT207 -21-PBT SUCFT207 -22-PBT SUCFT207 -23-PBT SUCFT207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 7/16 163.0	5 1/8 130.0	.748 19.0	19/32 16.0	1 9/32 32.8	1/2 13.0	3 9/16 90.0	1.7480 44.400	1.689 42.90	0.689 17.50	1/2	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	FT-207-H-PBT
SUCFT208 -24-PBT SUCFT208 -40m-PBT	1 1/2 40mm	6 7/8 175.0	5 43/64 144.0	.827 21.0	25/32 20.0	1 15/32 37.5	17/32 14.0	3 15/16 100.0	2.0157 51.200	1.937 49.20	0.748 19.00	1/2	SUC208 -24 SUC208 -40mm	FT-208-H-PBT

ZUCFT200-PBT with Zinc Chromate Plated Insert Bearings

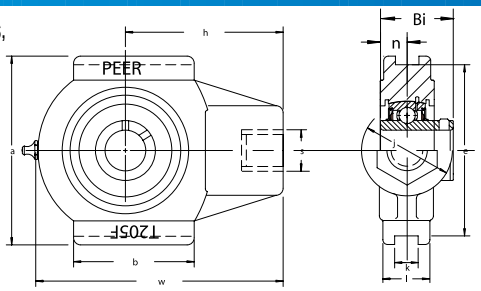
Unit No.	Shaft Diam.	Dimensions in / mm a	e	i	g	l	s	b	Z	Bi	n	Bolt Size In.	Bearing No.	Housing No.
ZUCFT201 -8-PBT ZUCFT201 -12m-PBT ZUCFT202 -9-PBT ZUCFT202 -10-PBT ZUCFT202 -15m-PBT ZUCFT203 -11-PBT ZUCFT203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	4 7/16 113.0	3 35/64 90.0	.591 15.0	7/16 12.0	1 1/16 26.5	7/16 11.0	2 3/8 64.0	1.3110 33.300	1.220 31.00	0.500 12.70	3/8	ZUC201 -8 ZUC201 -12mm ZUC202 -9 ZUC202 -10 ZUC202 -15mm ZUC203 -11 ZUC203 -17mm	FT-204-H-PBT
ZUCFT204 -12-PBT ZUCFT204 -20m-PBT	3/4 20mm	4 7/16 113.0	3 35/64 90.0	.591 15.0	7/16 12.0	1 1/16 26.5	7/16 11.0	2 3/8 64.0	1.3110 33.300	1.220 31.00	0.500 12.70	3/8	ZUC204 -12 ZUC204 -20mm	FT-204-H-PBT
ZUCFT205 -14-PBT ZUCFT205 -15-PBT ZUCFT205 -16-PBT ZUCFT205 -25m-PBT	7/8 15/16 1 25mm	5 1/8 130.0	3 57/64 99.0	.630 16.0	1/2 14.0	1 5/32 29.5	7/16 11.0	2 11/16 68.0	1.4094 35.800	1.343 34.10	0.563 14.30	3/8	ZUC205 -14 ZUC205 -15 ZUC205 -16 ZUC205 -25mm	FT-205-H-PBT
ZUCFT206 -18-PBT ZUCFT206 -19-PBT ZUCFT206 -20-PBT ZUCFT206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	5 13/16 148.0	4 39/64 117.0	.709 18.0	1/2 14.0	1 7/32 30.5	7/16 11.0	3 1/8 80.0	1.5827 40.200	1.500 38.10	0.626 15.90	3/8	ZUC206 -18 ZUC206 -19 ZUC206 -20 ZUC206 -30mm	FT-206-H-PBT
ZUCFT207 -20-PBT ZUCFT207 -21-PBT ZUCFT207 -22-PBT ZUCFT207 -23-PBT ZUCFT207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	6 7/16 163.0	5 1/8 130.0	.748 19.0	19/32 16.0	1 9/32 32.8	1/2 13.0	3 9/16 90.0	1.7480 44.400	1.689 42.90	0.689 17.50	1/2	ZUC207 -20 ZUC207 -21 ZUC207 -22 ZUC207 -23 ZUC207 -35mm	FT-207-H-PBT
ZUCFT208 -24-PBT ZUCFT208 -40m-PBT	1 1/2 40mm	6 7/8 175.0	5 43/64 144.0	.827 21.0	25/32 20.0	1 15/32 37.5	17/32 14.0	3 15/16 100.0	2.0157 51.200	1.937 49.20	0.748 19.00	1/2	ZUC208 -24 ZUC208 -40mm	FT-208-H-PBT

Also available with black oxide plated insert. Part number example: UCFT205-16-BPBT

Thermoplastic Take Up

SUCT200-PBT Stainless Bearing / ZUCT200-PBT Zinc Plated Bearing

- For stainless steel, zinc and PBT grade specifications, see page 101
- Wide inner ring bearing with set screws
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger
- End caps and open caps w/shaft seals available

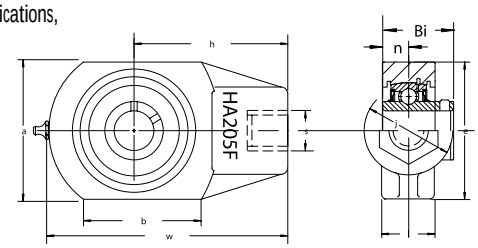


Dimensions in / mm

Stainless Unit No.	Zinc Unit No.	Shaft Diam.	a	e	k	s	h	l	b	w	j	Bi	n	Stainless Bearing No.	Zinc Bearing No.	Housing No.
SUCT201 -8-PBT SUCT201 -12m-PBT SUCT202 -9-PBT SUCT202 -10-PBT SUCT202 -15m-PBT SUCT203 -11-PBT SUCT203 -17m-PBT	ZUCT201 -8-PBT ZUCT201 -12m-PBT ZUCT202 -9-PBT ZUCT202 -10-PBT ZUCT202 -15m-PBT ZUCT203 -11-PBT ZUCT203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	3 1/2 89.0	3 76.2	15/32 11.9	1/2-13	2 3/8 60.3	1 1/32 26.2	1 7/8 47.6	3 3/4 95.3	1 3/16 30.2	1.220 31.00	0.500 12.70	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	ZUC201 -8 ZUC201 -12mm ZUC202 -9 ZUC202 -10 ZUC202 -15mm ZUC203 -11 ZUC203 -17mm	T-204-H-PBT
SUCT204 -12-PBT SUCT204 -20m-PBT	ZUCT204 -12-PBT ZUCT204 -20m-PBT	3/4 20mm	3 1/2 89.0	3 76.2	15/32 11.9	1/2-13	2 3/8 60.3	1 1/32 26.2	1 7/8 47.6	3 3/4 95.3	1 3/16 30.2	1.220 31.00	0.500 12.70	SUC204 -12 SUC204 -20mm	ZUC204 -12 ZUC204 -20mm	T-204-H-PBT
SUCT205 -14-PBT SUCT205 -15-PBT SUCT205 -16-PBT SUCT205 -25m-PBT	ZUCT205 -14-PBT ZUCT205 -15-PBT ZUCT205 -16-PBT ZUCT205 -25m-PBT	7/8 15/16 1 25mm	3 1/2 89.0	3 76.2	15/32 11.9	1/2-13	2 9/16 65.1	1 1/8 28.6	1 7/8 47.6	3 15/16 100.0	1 3/8 35.0	1.343 34.10	0.563 14.30	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	ZUC205 -14 ZUC205 -15 ZUC205 -16 ZUC205 -25mm	T-205-H-PBT
SUCT206 -18-PBT SUCT206 -19-PBT SUCT206 -20-PBT SUCT206 -30m-PBT	ZUCT206 -18-PBT ZUCT206 -19-PBT ZUCT206 -20-PBT ZUCT206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	4 1/16 103.2	3 1/2 88.9	15/32 11.9	5/8-11	2 3/4 69.9	1 11/32 34.1	2 1/4 57.2	4 1/2 114.3	1 5/8 41.3	1.500 38.10	0.626 15.90	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	ZUC206 -18 ZUC206 -19 ZUC206 -20 ZUC206 -30mm	T-206-H-PBT
SUCT207 -20-PBT SUCT207 -21-PBT SUCT207 -22-PBT SUCT207 -23-PBT SUCT207 -35m-PBT	ZUCT207 -20-PBT ZUCT207 -21-PBT ZUCT207 -22-PBT ZUCT207 -23-PBT ZUCT207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	4 1/16 103.2	3 1/2 88.9	15/32 11.9	5/8-11	3 3/16 81.0	1 19/32 40.5	2 11/16 68.3	5 3/16 131.8	1 5/8 41.3	1.689 42.90	0.689 17.50	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	ZUC207 -20 ZUC207 -21 ZUC207 -22 ZUC207 -23 ZUC207 -35mm	T-207-H-PBT
SUCT208 -24-PBT SUCT208 -40m-PBT	ZUCT208 -24-PBT ZUCT208 -40m-PBT	1 1/2 40mm	4 1/2 114.3	4 1/16 103.2	5/8 15.9	5/8-11	3 1/2 88.9	1 31/32 50.0	3 3/16 81.0	5 11/16 144.5	1 5/8 41.3	1.937 49.20	0.748 19.00	SUC208 -24 SUC208 -40mm	ZUC208 -24 ZUC208 -40mm	T-208-H-PBT

Thermoplastic Hanger SUCHA200-PBT Stainless Bearing/ZUCHA200-PBT Zinc Plated Bearing

- For stainless steel, zinc and PBT grade specifications, see page 101
- Wide inner ring bearing with set screws
- Relubricatable unit with anti-rotation pin
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger
- End caps and open caps w/shaft seals available



Dimensions in / mm

Stainless Unit No.	Zinc Unit No.	Shaft Diam.	a	W	h	l	j	K	Bi	n	m	Stainless Bearing No.	Zinc Bearing No.	Housing No.
SUCHA201 -8-PBT SUCHA201 -12m-PBT SUCHA202 -9-PBT SUCHA202 -10-PBT SUCHA202 -15m-PBT SUCHA203 -11-PBT SUCHA203 -17m-PBT	ZUCHA201 -8-PBT ZUCHA201 -12m-PBT ZUCHA202 -9-PBT ZUCHA202 -10-PBT ZUCHA202 -15m-PBT ZUCHA203 -11-PBT ZUCHA203 -17m-PBT	1/2 12mm 9/16 5/8 15mm 11/16 17mm	2 15/16 74.6	3 3/4 95.3	2 3/8 60.3	1 1/32 26.2	1 3/16 30.2	1/2-13 UNC	1.220 31.00	0.500 12.70	0.72 18.30	SUC201 -8 SUC201 -12mm SUC202 -9 SUC202 -10 SUC202 -15mm SUC203 -11 SUC203 -17mm	ZUC201 -8 ZUC201 -12mm ZUC202 -9 ZUC202 -10 ZUC202 -15mm ZUC203 -11 ZUC203 -17mm	HA-204-H-PBT
SUCHA204 -12-PBT SUCHA204 -20m-PBT	ZUCHA204 -12-PBT ZUCHA204 -20m-PBT	3/4 20mm	2 15/16 74.6	3 3/4 95.3	2 3/8 60.3	1 1/32 26.2	1 3/16 30.2	1/2-13 UNC	1.220 31.00	0.500 12.70	0.72 18.30	SUC204 -12 SUC204 -20mm	ZUC204 -12 ZUC204 -20mm	HA-204-H-PBT
SUCHA205 -14-PBT SUCHA205 -15-PBT SUCHA205 -16-PBT SUCHA205 -25m-PBT	ZUCHA205 -14-PBT ZUCHA205 -15-PBT ZUCHA205 -16-PBT ZUCHA205 -25m-PBT	7/8 15/16 1 25mm	2 15/16 74.6	3 15/16 100.0	2 9/16 65.1	1 1/8 28.6	1 3/8 35.0	1/2-13 UNC	1.343 34.10	0.563 14.30	0.78 19.80	SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	ZUC205 -14 ZUC205 -15 ZUC205 -16 ZUC205 -25mm	HA-205-H-PBT
SUCHA206 -18-PBT SUCHA206 -19-PBT SUCHA206 -20-PBT SUCHA206 -30m-PBT	ZUCHA206 -18-PBT ZUCHA206 -19-PBT ZUCHA206 -20-PBT ZUCHA206 -30m-PBT	1 1/8 1 3/16 1 1/4(s) 30mm	3 11/32 84.9	4 1/2 114.3	2 3/4 69.9	1 11/32 34.1	1 5/8 41.3	5/8-11 UNC	1.500 38.10	0.626 15.90	0.87 22.20	SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	ZUC206 -18 ZUC206 -19 ZUC206 -20 ZUC206 -30mm	HA-206-H-PBT
SUCHA207 -20-PBT SUCHA207 -21-PBT SUCHA207 -22-PBT SUCHA207 -23-PBT SUCHA207 -35m-PBT	ZUCHA207 -20-PBT ZUCHA207 -21-PBT ZUCHA207 -22-PBT ZUCHA207 -23-PBT ZUCHA207 -35m-PBT	1 1/4 1 5/16 1 3/8 1 7/16 35mm	3 9/16 90.5	5 3/16 131.8	3 3/16 81.0	1 19/32 40.5	1 5/8 41.3	5/8-11 UNC	1.689 42.90	0.689 17.50	1.00 25.40	SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	ZUC207 -20 ZUC207 -21 ZUC207 -22 ZUC207 -23 ZUC207 -35mm	HA-207-H-PBT
SUCHA208 -24-PBT SUCHA208 -40m-PBT	ZUCHA208 -24-PBT ZUCHA208 -40m-PBT	1 1/2 40mm	3 15/16 100.0	5 11/16 144.5	3 1/2 88.9	1 31/32 50.0	1 5/8 41.3	5/8-11 UNC	1.937 49.20	0.748 19.00	1.19 30.20	SUC208 -24 SUC208 -40mm	ZUC208 -24 ZUC208 -40mm	HA-208-H-PBT

Also available with black oxide plated insert. Part number example: UCT205-16-BPBT or UCHA205-16-BPBT.

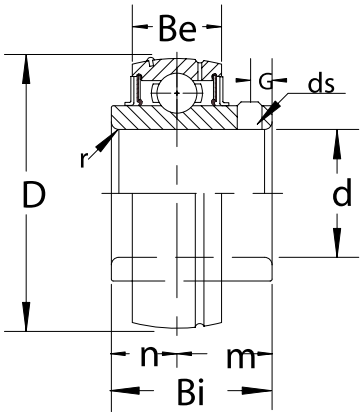
Electroless Nickel plated...
for moderate contamination conditions

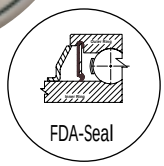
With an eye toward economy in addition to contamination resistance, these PEER units are designed with black oxide inserts and electroless nickel plated housings. The results are mounted ball bearing units ideal for applications requiring corrosion resistance superior to the protection afforded by conventional painted cast or ductile iron housings.

- Housings plated with .001” thick electroless, high phosphorous (+10%) nickel.
- Electroless nickel plated over premium (Grade 30) cast iron or high strength 65-45-12 ductile iron.
- Bearing available in all standard locking devices: set screw, eccentric locking collars or premium *GRIP-IT* locking collars.
- Black oxide bearings designed with slingers and full contact metal shroud seals for maximum protection.
- Castings available in any style listed in the PEER catalog.
- Black oxide bearings are available in all common inch and metric shaft sizes.

Stainless Steel Insert Bearings for Units
SUC200 Series Set Screw Locking

- For stainless steel grade specifications, see page 101
- Wide inner ring with spherical outer ring
- Relubrication groove with oil hole on set screw side
- Anti-rotation pin on side opposite grease groove
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger

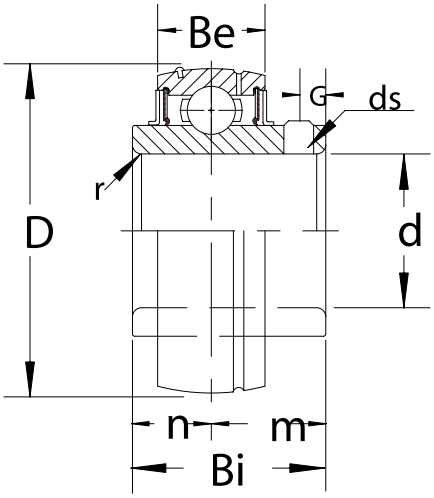



FDA-Seal

Unit No.	Shaft Diam.	D	Bi	Be	r	n	m	G	ds (UnF-Thread)	Load Rating (Lbs.)	
										Dynamic	Static
		Dimensions in / mm									
SUC201 -8 SUC202 -10 SUC204 -12 SUC204 -20mm	1/2 5/8 3/4 20mm	1.8504 47.000	1.221 31.00	0.669 17.00	0.039 1.00	0.5000 12.700	0.721 18.30	0.197 5.00	1/4-28x1/4 M6xP.75x1/4	2320	1128
SUC205 -14 SUC205 -15 SUC205 -16 SUC205 -25mm	7/8 15/16 1 25mm	2.0472 52.000	1.343 34.10	0.669 17.00	0.059 1.50	0.5630 14.300	0.780 19.80	0.197 5.00	1/4-28x1/4 M6xP.75	2520	1288
SUC206 -18 SUC206 -19 SUC206 -20 SUC206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.748 19.00	0.059 1.50	0.6260 15.900	0.874 22.20	0.197 5.00	1/4-28x1/4 M6xP.75	3496	1856
SUC207 -20 SUC207 -21 SUC207 -22 SUC207 -23 SUC207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.787 20.00	0.079 2.00	0.6890 17.500	1.000 25.40	0.236 6.00	5/16-24x5/16 M8xP1.0	4616	2520
SUC208 -24 SUC208 -40mm	1 1/2 40mm	3.1496 80.000	1.937 49.20	0.827 21.00	0.079 2.00	0.7480 19.000	1.189 30.20	0.315 8.00	5/16-24x5/16 M8xP1.0	5872	2920
SUC209 -27 SUC209 -28 SUC209 -45mm	1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.189 30.20	0.315 8.00	5/16-24x5/16 M8xP1.0	5880	3320
SUC210 -31 SUC210 -32 SUC210 -50mm	1 15/16 2(s) 50mm	3.5433 90.000	2.032 51.60	0.945 24.00	0.079 2.00	0.7480 19.000	1.284 32.60	0.394 10.00	3/8-24x3/8 M10xP1.25	6304	3720
SUC211 -32 SUC211 -35 SUC211 -55mm	2 2 3/16 55mm	3.9370 100.000	2.189 55.60	0.984 25.00	0.098 2.50	0.8740 22.200	1.315 33.40	0.394 10.00	3/8-24x3/8 M10xP1.25	7792	4680
SUC212 -39 SUC212 -60mm	2 7/16 60mm	4.3307 110.000	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.563 39.70	0.394 10.00	3/8-24x3/8 M10xP1.25	9424	5800

Zinc Chromate Plated Insert Bearings for Units

ZUC200 Series Set Screw Locking



- For zinc chromate insert grade specifications, see page 101
- Wide inner ring with spherical outer ring
- Relubrication groove with oil hole on set screw side
- Anti-rotation pin on side opposite grease groove
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger

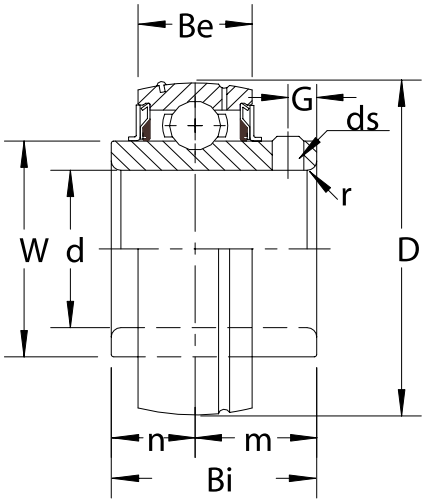
Dimensions in / mm

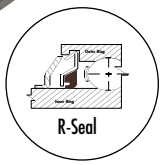
Unit No.	Shaft Diam.	D	Bi	Be	r	n	m	G	ds (UNF-Thread)	Load Rating (Lbs.)	
										Dynamic	Static
ZUC201 -8 ZUC202 -10 ZUC204 -12 ZUC204 -20mm	1/2 5/8 3/4 20mm	1.8504 47.000	1.221 31.00	0.669 17.00	0.039 1.00	0.5000 12.700	0.721 18.30	0.197 5.00	1/4-28x1/4 M6xP.75x1/4	2900	1410
ZUC205 -14 ZUC205 -15 ZUC205 -16 ZUC205 -25mm	7/8 15/16 1 25mm	2.0472 52.000	1.343 34.10	0.669 17.00	0.059 1.50	0.5630 14.300	0.780 19.80	0.197 5.00	1/4-28x1/4 M6xP.75	3150	1610
ZUC206 -18 ZUC206 -19 ZUC206 -20 ZUC206 -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.748 19.00	0.059 1.50	0.6260 15.900	0.874 22.20	0.197 5.00	1/4-28x1/4 M6xP.75	4370	2320
ZUC207 -20 ZUC207 -21 ZUC207 -22 ZUC207 -23 ZUC207 -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.787 20.00	0.079 2.00	0.6890 17.500	1.000 25.40	0.236 6.00	5/16-24x5/16 M8xP1.0	5770	3150
ZUC208 -24 ZUC208 -40mm	1 1/2 40mm	3.1496 80.000	1.937 49.20	0.827 21.00	0.079 2.00	0.7480 19.000	1.189 30.20	0.315 8.00	5/16-24x5/16 M8xP1.0	7340	3650
ZUC209 -27 ZUC209 -28 ZUC209 -45mm	1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.189 30.20	0.315 8.00	5/16-24x5/16 M8xP1.0	7350	4150
ZUC210 -31 ZUC210 -32 ZUC210 -50mm	1 15/16 2(s) 50mm	3.5433 90.000	2.032 51.60	0.945 24.00	0.079 2.00	0.7480 19.000	1.284 32.60	0.394 10.00	3/8-24x3/8 M10xP1.25	7880	4650
ZUC211 -32 ZUC211 -35 ZUC211 -55mm	2 2 3/16 55mm	3.9370 100.000	2.189 55.60	0.984 25.00	0.098 2.50	0.8740 22.200	1.315 33.40	0.394 10.00	3/8-24x3/8 M10xP1.25	9740	5850
ZUC212 -39 ZUC212 -60mm	2 7/16 60mm	4.3307 110.000	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.563 39.70	0.394 10.00	3/8-24x3/8 M10xP1.25	11780	7250

Black Oxide Plated Insert Bearings for Units
UC200-BLK Series Set Screw Locking

- For black oxide bearing specifications, see page 101
- Wide inner ring with spherical outer ring
- Relubrication groove with oil hole on set screw side
- Anti-rotation pin on side opposite grease groove
- Nylon patched class 3A set screws are standard
- Standard seal: R-Seal

Triple lip seal and other options: See page 83

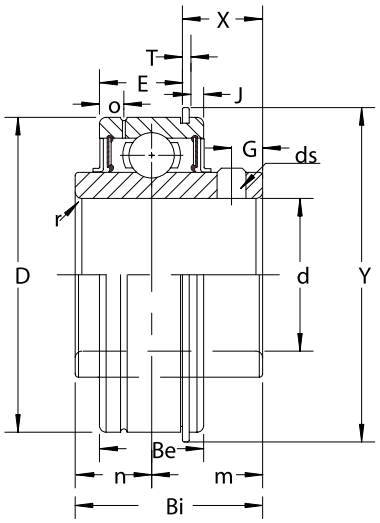




Unit No.	Shaft Diam.	D	Bi	Be	r	n	m	G	W	ds (UnF-Thread)	Load Rating (Lbs.)	
											Dynamic	Static
Dimensions in / mm												
UC201 -8-BLK UC201 -12mm-BLK UC202 -9-BLK UC202 -10-BLK UC202 -15mm-BLK UC203 -11-BLK UC203 -17mm-BLK	1/2 12mm 9/16 5/8 15mm 11/16 17mm	1.8504 47.000	1.221 31.00	0.591 15.00	0.039 1.00	0.5000 12.700	0.7205 18.300	0.197 5.00	1.130 28.70	1/4-28x1/4 M6xP1.0	2900	1410
UC204 -12-BLK UC204 -13-BLK UC204 -20mm-BLK	3/4 13/16 20mm	1.8504 47.000	1.221 31.00	0.591 15.00	0.059 1.50	0.5000 12.700	0.7205 18.300	0.197 5.00	1.130 28.70	1/4-28x1/4 M6xP1.0	2900	1410
UC205 -13-BLK UC205 -14-BLK UC205 -15-BLK UC205 -16-BLK UC205 -25mm-BLK	13/16 7/8 15/16 1 25mm	2.0472 52.000	1.339 34.00	0.591 15.00	0.059 1.50	0.5630 14.300	0.7756 19.700	0.217 5.50	1.327 33.70	1/4-28x1/4 M6xP1.0	3150	1610
UC206 -17-BLK UC206 -18-BLK UC206 -19-BLK UC206 -20-BLK UC206 -30mm-BLK	1 1/16 1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.709 18.00	0.059 1.50	0.6260 15.900	0.8740 22.200	0.221 5.60	1.567 39.80	1/4-28x1/4 M6xP1.0	4370	2320
UC207 -20-BLK UC207 -21-BLK UC207 -22-BLK UC207 -23-BLK UC207 -35mm-BLK	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.748 19.00	0.079 2.00	0.6890 17.500	1.0000 25.400	0.252 6.40	1.843 46.80	5/16-24x5/16 M8xP1.0	5770	3150
UC208 -24-BLK UC208 -25-BLK UC208 -40mm-BLK	1 1/2 1 9/16 40mm	3.1496 80.000	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.1890 30.200	0.315 8.00	2.067 52.50	5/16-24x5/16 M8xP1.0	7340	3650
UC209 -26-BLK UC209 -27-BLK UC209 -28-BLK UC209 -45mm-BLK	1 5/8 1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	0.866 22.00	0.079 2.00	0.7480 19.000	1.1890 30.200	0.315 8.00	2.256 57.30	5/16-24x5/16 M8xP1.0	7350	4150
UC210 -29-BLK UC210 -30-BLK UC210 -31-BLK UC210 -32-BLK UC210 -50mm-BLK	1 13/16 1 7/8 1 15/16 2(s) 50mm	3.5433 90.000	2.032 51.60	0.866 22.00	0.079 2.00	0.7480 19.000	1.2835 32.600	0.374 9.50	2.445 62.10	3/8-24x3/8 M10xP1.25	7880	4650
UC211 -32-BLK UC211 -33-BLK UC211 -34-BLK UC211 -35-BLK UC211 -55mm-BLK	2 2 1/16 2 1/8 2 3/16 55mm	3.9370 100.000	2.189 55.60	0.984 25.00	0.098 2.50	0.8740 22.200	1.3150 33.400	0.374 9.50	2.756 70.00	3/8-24x3/8 M10xP1.25	9740	5850
UC212 -36-BLK UC212 -37-BLK UC212 -38-BLK UC212 -39-BLK UC212 -60mm-BLK	2 1/4 2 5/16 2 3/8 2 7/16 60mm	4.3307 110.000	2.563 65.10	1.063 27.00	0.098 2.50	1.0000 25.400	1.5630 39.700	0.437 11.10	3.031 77.00	3/8-24x3/8 M10xP1.25	11780	7250

Stainless Steel or Zinc Plated Insert Bearings

SSER Stainless Steel / ZSER Zinc Chromate Plated Series



- For stainless steel or zinc chromate insert grade specifications, see page 101
- Set screw locking
- Wide inner ring with cylindrical outer ring and snap ring
- Relubrication groove with oil hole on side opposite of set screws
- Supplied with water/wash resistant Mobilgrease FM102 (FDA/USDA approved)
- Standard seal: FDA approved silicone rubber seal protected by stainless steel slinger

Dimensions in / mm

Stainless Unit No.	Zinc Unit No.	Shaft Diam.	D	Bi	Be	n	m	E	o	T	J	G	Y	X	ds (UNF-Thread)	Load Rating (Lbs.) Dynamic	Load Rating (Lbs.) Static
SSER -8 SSER -10 SSER -12 SSER -20mm	ZSER -8 ZSER -10 ZSER -12 ZSER -20mm	1/2 5/8 3/4 20mm	1.8504 47.000	1.220 31.00	0.626 15.90	0.4528 11.500	0.768 19.50	0.49 12.37	0.157 4.00	0.04 1.07	0.10 2.46	0.197 5.00	2.07 52.70	0.59 15.08	1/4-28x1/4 M6X0.75	2320	1128
SSER -14 SSER -15 SSER -16 SSER -25mm	ZSER -14 ZSER -15 ZSER -16 ZSER -25mm	7/8 15/16 1 25mm	2.0472 52.000	1.374 34.90	0.752 19.10	0.5157 13.100	0.858 21.80	0.61 15.57	0.205 5.20	0.04 1.07	0.10 2.46	0.217 5.50	2.28 57.90	0.62 15.78	1/4-28x1/4 M6X0.75	2520	1288
SSER -18 SSER -19 SSER -20 SSER -30mm	ZSER -18 ZSER -19 ZSER -20 ZSER -30mm	1 1/8 1 3/16 1 1/4(s) 30mm	2.4409 62.000	1.500 38.10	0.874 22.20	0.6260 15.900	0.874 22.20	0.68 17.37	0.220 5.60	0.06 1.65	0.13 3.18	0.217 5.50	2.67 67.70	0.63 15.93	1/4-28x1/4 M6X0.75	3496	1856
SSER -20 SSER -21 SSER -22 SSER -23 SSER -35mm	ZSER -20 ZSER -21 ZSER -22 ZSER -23 ZSER -35mm	1 1/4 1 5/16 1 3/8 1 7/16 35mm	2.8346 72.000	1.689 42.90	0.937 23.80	0.6890 17.500	1.000 25.40	0.75 18.97	0.220 5.60	0.06 1.65	0.13 3.18	0.256 6.50	3.09 78.60	0.72 18.32	5/16-24x5-16 M8X1	4616	2520
SSER -24 SSER -40mm	ZSER -24 ZSER -40mm	1 1/2 40mm	3.1496 80.000	1.937 49.20	1.094 27.80	0.7480 19.000	1.189 30.20	0.90 22.97	0.252 6.40	0.06 1.65	0.13 3.18	0.315 8.00	3.41 86.60	0.83 21.10	5/16-24x5-16 M8X1	5872	2920
SSER -27 SSER -28 SSER -45mm	ZSER -27 ZSER -28 ZSER -45mm	1 11/16 1 3/4 45mm	3.3465 85.000	1.937 49.20	1.094 27.80	0.7480 19.000	1.189 30.20	0.90 22.97	0.252 6.40	0.06 1.65	0.13 3.18	0.315 8.00	3.61 91.60	0.83 21.10	5/16-24x5-16 M8X1	5880	3320
SSER -31 SSER -32 SSER -50mm	ZSER -31 ZSER -32 ZSER -50mm	1 15/16 2 50mm	3.5433 90.000	2.031 51.60	1.126 28.60	0.7480 19.000	1.283 32.60	0.91 23.01	0.295 7.50	0.09 2.41	0.13 3.18	0.354 9.00	3.80 96.50	0.94 23.84	3/8-24x3/8 M10X1.25	6304	3720
SSER -32 SSER -35 SSER -55mm	ZSER -32 ZSER -35 ZSER -55mm	2 2 3/16 55mm	3.9370 100.000	2.189 55.60	1.189 30.20	0.8740 22.200	1.315 33.40	0.97 24.61	0.295 7.50	0.09 2.41	0.13 3.18	0.354 9.00	4.19 106.50	0.94 23.84	3/8-24x3/8 M10X1.25	7792	4680
SSER -39 SSER -60mm	ZSER -39 ZSER -60mm	2 7/16 60mm	4.3307 110.000	2.563 65.10	1.252 31.80	1.0000 25.400	1.563 39.70	1.03 26.21	0.295 7.50	0.09 2.41	0.13 3.18	0.413 10.50	4.59 116.60	1.16 29.40	3/8-24x3/8 M10X1.25	9424	5800

Stainless Steel Bearings & Housings:

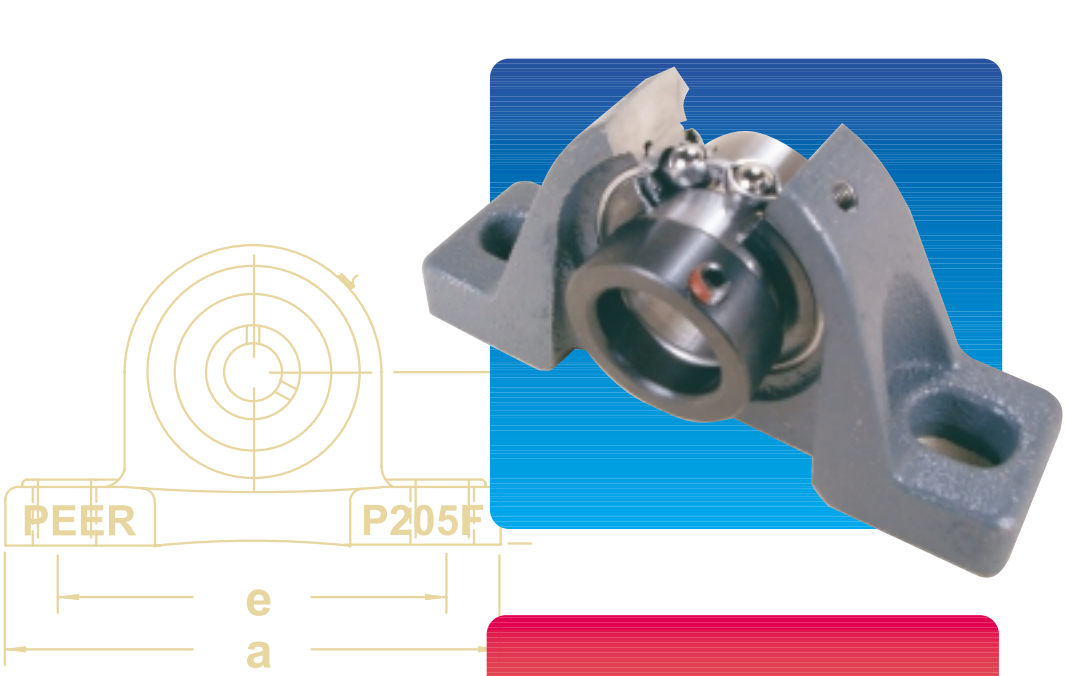
Chemical		300 Stainless	400 Stainless
Diluted Acids	Phosphoric	B	N
	Nitrous Acid	A	A
	Sulfuric Acid	B	N
Food	Food Products	A	B
	Juices (Fruit & vegetable)	A	B
	Dairy	A	C
Acids	Phosphoric	A	N
	Nitrous Acid	D	N
Water	Steam	A	B
	Tap Water (chlorinated)	A	B
	Sea Water	A	D
Other	Ammonia	A	C
	Alkalines	B	B
	Sulfites	B	D

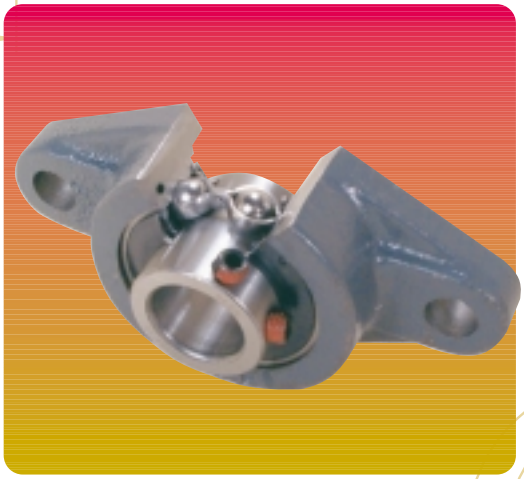
A = Excellent
B = Good
C = Fair
D = Poor
N = Not compatible

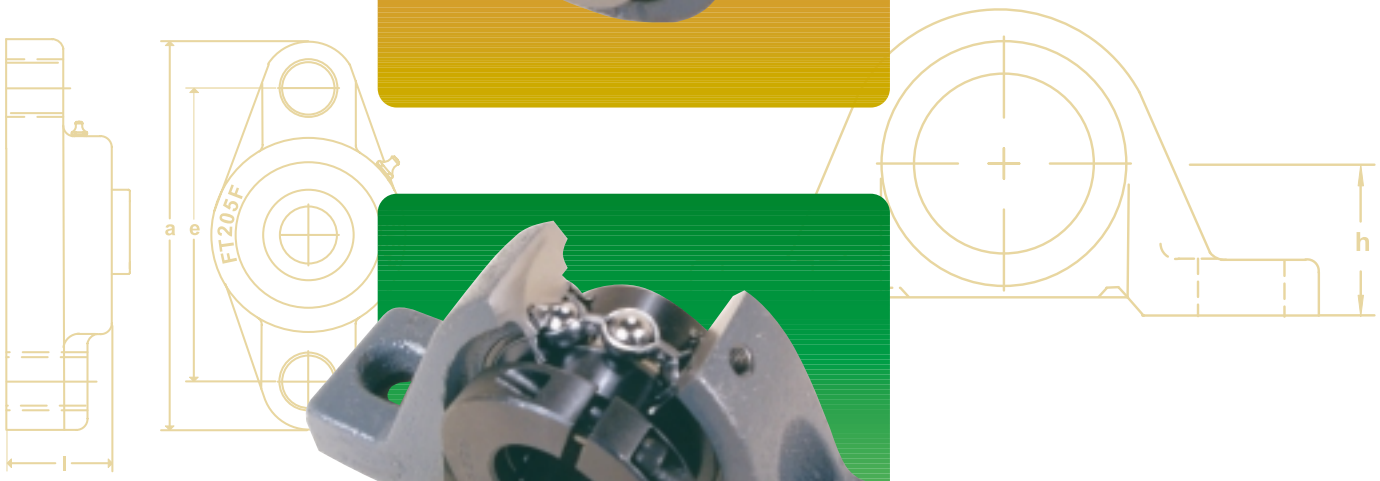
Polymer Housings:

Chemical	Concentration	PBT	Nylon 66
Acetic Acid	100%	Fair	Poor
Acetone	100%	Good	Good
Ammonia Liquid		No	Good
Aniline	100%	Good	Poor
Benzene	100%	Good	Good
Bleaching Solutions	Dilute	Good	No
Caustic Potash	10%	Good	Good
Chlorine Water	Saturated	No	Poor
Chloroform	100%	Good	No
Chromic Acid	10%	Good	Poor
Citric Acid	10%	Good	Poor
Detergent Soaps		Good	Good
Ethanol	96%	Good	Good
Fuel Oil		Good	Good
Glycerin		Good	Good
Hydrochloric Acid	30%	Poor	No
Lactic Acid	20%	Good	Poor
Methyl Alcohol	100%	Good	Good
Mineral Oil		Good	Good
Nitric Acid	50%	Good	No
Oleic Acid	100%	Good	Good
Oxalic Acid	10%	Good	No
Phosphoric Acid	85%	Good	No
Sea Water		Good	Good
Sodium Chloride (salt)		Good	Good
Sodium Hydroxide	50%	No	Good
Stearic Acid	100%	Good	Poor
Sulfuric Acid	10%	Good	No
Tuluene	100%	Good	Good
Trichloroethylene		No	Good
Turpentine	100%	Good	Good
Vegetable Oil		Good	Good

Engineering Data







A. Construction and features of ball bearing mounted units.

PEER mounted ball bearing units consist of a double sealed, single row, deep groove ball bearing and any one of many types of housings. The outer ring of the self-contained ball bearing is ground to a sphere along with the matching bore of the corresponding housing to provide self alignment capabilities. Cylindrical outer ring ball bearings are also available.

A. Figure 1 shows a cut away view of a standard 2-Bolt flange with set screw locking (UC series shown).
B. Figure 2 shows a cut away view of a standard pillow block housing with an eccentric locking collar bearing (HC Series shown).
C. Figure 3 shows a cut away view of a standard pillow block housing with a Grip-It locking bearing (GR Series).

Figure 1

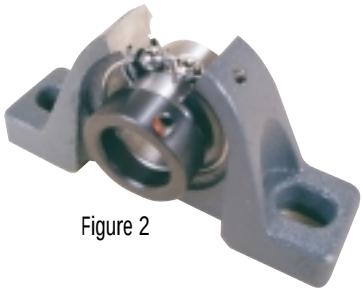


Figure 2

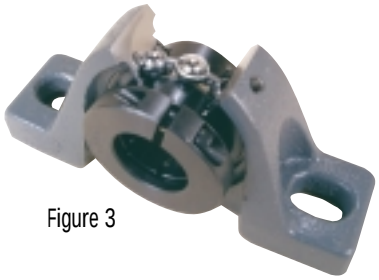


Figure 3

B. Typical features of PEER ball bearing mounted units.

(1) Internal construction of single row deep groove bearings in mounted units.
The ball bearings used in mounted units are quite similar to the 6200 and 6300 series of single row, deep groove, radial ball bearings. These bearings are designed to operate under radial and to a lesser degree thrust loads and combined loads. They have considerably greater load carrying capacity than double row, self aligning bearings used in some other types of mounted units.

(2) Bearing materials.
52100 Bearing Grade Steel.
PEER bearings inner ring, outer ring and balls are made of 52100 vacuum degassed steel. This high quality steel coupled with precision grinding and super finishing techniques increases bearing life and reduces bearing noise.

Stainless Steel
Peer Bearing Company's line of stainless steel bearings are designed to meet the demanding requirements of the FDA and USDA where wash-down and corrosion resistance are necessary. The full stainless steel bearings provide contamination and corrosion protection for long life.

Component	Material
Rings	Grade 440 Stainless Steel
Balls	Grade 440 Stainless Steel
Retainer	Grade 304 Stainless Steel
Slingers	Grade 304 Stainless Steel
Set Screws	Grade 304 Stainless Steel
Seals	Silicone (Si)
Grease	FDA Approved.

(3) Seals 52100 bearing steel. (See representative drawings on page 83)
PEER offers a multitude of bearing seal designs allowing users to select the one that is best suitable for their particular application.
a) The most common seal design is the PEER "R" seal. This incorporates a full shroud contact seal with rubber lip and slinger assuring positive dirt exclusion. The inboard contact seal is staked securely to the outer ring and the curved Buna-N rubber lip seals along the outside of the inner ring. The metal slinger is attached to the outside of the inner ring creating a complex path for contaminants to enter the bearing.
b) The PEER "RST" seal is similar to the contact seal used in the "R" seal design but without the slinger. It has a full cover shroud and positive rubber lip contact to the inner ring.
c) The PEER "TRL" triple lip seals are full cover shroud style with three individual wiping lips for the most complete protection against contaminants.

d) The PEER "DBL" double lip seals are full cover shroud style with two distinct rubber wiping lips. These are useful where additional protection is needed but high RPM's will not allow for the extra torque they require.
e) The PEER "Z" seal is a full cover shroud non-contact shield used where high RPM's and the need for a free spinning bearing are present. Available with slinger on wide inner ring bearings.

(3a) Seals Stainless Steel bearings.
PEER Stainless steel bearings incorporate silicone rubber seals in compliance with FDA guidelines. Stainless steel slingers are also available on wide inner ring stainless steel bearings.

Seal Materials Comparison:

BASE POLYMER	NITRILE	SILICONE	FLUOROELASTOMER
Material Code	NBR	Si	Viton
Temperature Range	-40 F ~ 250 F (-35 C ~ 120 C)	-80 F ~ 400 F (-60 C ~ 200 C)	-30 F ~ 400 F (-35 C ~ 200 C)
Oil Resistance	E	G	E
Acid Resistance	G	F	E
Alkali Resistance	G	X	F
Water Resistance	G	G	G
Heat Resistance	G	E	E
Cold Resistance	G	E	F
Wear Resistance	E	G	E
Ozone Resistance	G	E	E

(4) Locking Mechanisms.
PEER offers four distinct methods of locking the bearing to the shaft.

a) Set Screw Locking
This incorporates two class 3 set screws with nylon patch spaced 62 degrees apart in the inner ring extension. The areas around the set screws are high frequency annealed to allow the use of larger diameter set screws further increasing their effectiveness. The addition of a nylon patch to the set screws prevents their backing out under high vibration situations. See Photo A

Photo A

b) Eccentric Locking Collar
The PEER eccentric locking collars are designed for use in applications where the shafts rotate in a single direction. They incorporate a matching eccentricity between the inner ring and locking collar. A radiused area in both the collar and inner ring where the eccentricity begins is instrumental in preventing cracks in this high stress area. Matching angles between the inner ring and locking collar provide optimal contact and security. PEER locking collars come standard with class 3 nylon patched set screws. See photo B

Photo B

c) "GR" Series locking
The PEER "GR" series or 'Grip It' locking design uses a concentric split collar which assembles over six split wedges of the inner ring. When the collar is tightened it forces the inner ring to grip the shaft creating a concentric bearing to shaft lock. In addition, there is no damage to the shaft from set screws which eliminates shaft refinishing after disassembly or replacement. High strength Torx drive cap screws provide maximum clamping force. See photo C

Photo C

(5) Housings.

(a) Cast Iron. One piece cast iron housings provide solid construction and maximum wear resistance. Machined mounting surfaces and bearing seat insure proper mounting heights and bearing to housing alignment values. Cast or machined bolt holes make PEER interchangeable with most competitors.

(b) Ductile Iron. One piece ductile or malleable iron housings are made to the same exacting standards as the PEER cast iron housings with the addition of higher tensile strength values.

(c) Nickel Plating. For applications in the food, chemical and where added corrosion protection is needed, Cast iron and ductile housings are available with high phosphorous electroless nickel plating.

(d) Stamped Steel. PEER offers a wide variety of stamped steel housings of various thicknesses for light load applications. These stampings are available in a wide variety of finishes such as zinc plated, yellow dichromate, black electroless or raw.

(e) Thermoplastic Housings. PEER polymer housings are made of FDA recognized material and incorporate solid bases and stainless steel bolt inserts and grease fittings. When combined with PEER stainless steel or black oxide insert bearings, they are extremely resistant to corrosion and suited for use in washdown applications.

(f) Rubber Insulators. PEER Nitrile rubber insulators provide insulation and noise reduction properties. The conductive rubber interliners are available for use with most styles of stamped steel housings.

(g) Stainless Steel. PEER stainless steel housings are made of series 304 stainless steel and incorporate series 300 stainless steel grease fittings. Solid mounting surfaces make them ideally suited for food and chemical applications. These housings incorporate all the same machined features as our cast and ductile housings such as bearing seat, bolt holes and consistent mounting heights.

(6) Self Alignment.

The outer rings of Peer insert bearings are spherically ground to correspond with a matching spherical bearing seat on Peer housings. This spherical combination provides self-alignment features, which compensate for alignment errors, uneven mounting surfaces and shaft flexing. Misalignment of up to 5 degrees for non-relube units and 1.5 degrees for relube units is possible.

(7) Anti-rotation device.

The use of an anti-rotation pin in the outer ring prevents the bearing outer ring from turning in the housing. Located in the housing loading slot, this feature does not interfere with the self-aligning capability of the assembly. The anti-rotation pin is standard on wide inner ring bearings and an available option on flush back inner ring bearings.

(8) Interchangeability of bearings in housings.

Peer mounted units offer complete interchangeability of self-contained insert bearings in housings. This allows easy replacement of bearings in the field.

(9) Serviceability of assemblies.

Peer bearings are pre-lubricated with specially selected greases at the factory. Bearings and housings are available in a relubricable and non-relubricable version. Specialty greases and fill amounts are readily available. Relube fittings on Peer housings are available in a wide variety of styles and sizes.

(10) Handling of bearings.

Sealed bearings used in mounted units are packaged to prevent contamination of grease and damage during shipping and handling. To protect bearings and assemblies during storage, it is recommended all components remain intact. Locking collars, grease fittings and dust caps are matched to provide the optimum performance.

C. Tolerances

1. Tolerances for bearings.
1.1 Tolerances for inner ring.

Table 1: Tolerances on inner rings of insert bearings with cylindrical bore.

Unit: 0.001mm
(0.0001 in)

Nominal bore diameter d				Cylindrical bore					Radial run-out (max.)
				Bore Diameter			Width		
Over		Including		d_{mp} Deviations		V_{dp}	Bi Deviations		
mm	in.	mm	in.	High	Low	Max	High	low	
10	.03937	18	0.7087	+15 (+6)	0	10 (4)	0	-120 (-47)	10 (4)
18	0.7087	31.750	1.2500	+18 (+7)	0	12 (5)	0	-120 (-47)	13 (5)
31.750	1.2500	50.800	2.0000	+21 (+8)	0	14 (5.5)	0	-120 (-47)	15 (6)
50.800	2.0000	80	3.1496	+24 (+9)	0	16 (6)	0	-150 (-59)	20 (8)
80	3.1496	120	4.7244	+28 (+11)	0	19 (7.5)	0	-200 (-79)	25 (10)

d_{mp} = Single plane mean bore diameter deviation

V_{dp} = Bore diameter variation in a single radial plane

Table 1a: Bearing IR Tolerances Stainless steel bearings

Note: dm is defined as the arithmetical mean of the largest and the smallest diameter obtained by two point measurements.

Unit: 0.001mm

Bore Size		Bore Diameter				Width	
		dm		d		Bi	
Over	Incl.	High	Low	High	Low	High	Low
10	18	+18	0	+22	-4	0	-120
18	30	+21	0	+25	-4	0	-120
30	50	+25	0	+30	-5	0	-120
50	80	+30	0	+36	-6	0	-150

1.2 Tolerances for outer rings.

Table 2: tolerances on outer rings

Unit: 0.001mm
(0.0001 in)

Nominal outside diameter				Dm deviations		Radial Run-out (Max.)
Over		Incl.				
mm	in.	mm	in.	High	Low	
30	1.1811	50	1.9685	0	-11 (-4)	20 (8)
50	1.9685	80	3.1496	0	-13 (-5)	25 (10)
80	3.1496	120	4.7244	0	-15 (-6)	35 (14)
120	4.7244	150	5.9055	0	-18 (-7)	40 (16)
150	5.9055	180	7.0866	0	-25 (-10)	45 (18)
180	7.0866	250	9.8425	0	-30 (-12)	50 (20)
250	9.8425	315	12.402	0	-35 (-14)	60 (24)

Note:

1. dm is defined as arithmetical mean of the largest and smallest diameter obtained by two point measurements.

2. The low deviation of outside diameter dm does not apply within the distance of 1/4 the width of outer ring from the side.

Table 2a: Bearing OR Tolerances Stainless Steel bearings

Unit: 0.001mm

Nominal OD "D"		Dm Deviations		Radial Run-out
Over	Incl.	High	Low	Max.
30	50	0	-11	20
50	80	0	-13	25
80	120	0	-15	35
120	150	0	-18	40

Note: dm is defined as the arithmetical mean of the largest and the smallest diameter obtained by two point measurements.

2. Tolerances for cast iron housings.

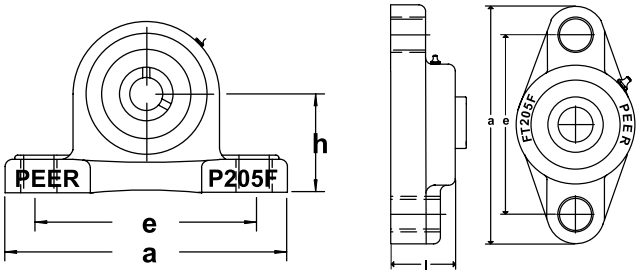
2.1 Tolerances for spherical inner diameter of housings

Table 3. Tolerances for spherical inner diameter of housings And resultant fits.

Unit: 0.001mm
(0.0001 in)

Nominal Spherical inside diameter (D1)				J7				K7				N6			
Over		Incl.		D1m Deviations		Resultant fit		D1m Deviations		Resultant fit		D1m Deviations		Resultant fit	
mm	in	mm	in	High	Low			High	Low			High	low		
30	1.1811	50	1.9685	+14 (+6)	-11 (-4)	25L (11L)	11T (4T)	+7 (+3)	-18 (-7)	18L (7.5L)	18T (7T)	-12 (-5)	-28 (-11)	1T (0.5T)	28T (11T)
50	1.9685	80	3.1496	+18 (+7)	-12 (-5)	31L (12L)	12T (5T)	+9 (+4)	-21 (-8)	22L (9L)	21T (8T)	-14 (-6)	-33 (-13)	1T (1T)	33T (13T)
80	3.1496	120	4.7244	+22 (+9)	-13 (-5)	37L (15L)	13T (5T)	+10 (+4)	-25 (-10)	25L (10L)	25T (10T)	-16 (-6)	-38 (-15)	1T (0)	38T (15T)
120	4.7244	150	5.9055	+26 (+10)	-14 (-6)	44L (17L)	14T (6T)	+12 (+5)	-28 (-11)	30L (12L)	28T (11T)	-20 (-8)	-45 (-18)	2T (1T)	45T (18T)
150	5.9055	180	7.0866	+26 (+10)	-14 (-6)	51L (20L)	14T (6T)	+12 (+5)	-28 (-11)	37L (15L)	28T (11T)	-20 (-8)	-45 (-18)	5L (2L)	45T (18T)
180	7.0866	250	9.8425	+30 (+12)	-16 (-6)	60L (24L)	16T (6T)	+13 (+5)	-33 (-13)	43L (17L)	33T (13T)	-22 (-9)	-51 (-20)	8L (3L)	51T (20T)
250	9.8425	315	12.402	+36 (+14)	-16 (-6)	71L (28L)	16T (6T)	+16 (+6)	-36 (-14)	51L (20L)	36T (14T)	-25 (-10)	-57 (-22)	10L (4L)	57T (22T)

Table 3a: Housing Tolerances (Thermoplastic PBT)



Unit: 0.01mm

Size	Pillow Blocks (P200-PBT, PAS200-PBT Series)			Flanges (FT200-PBT, F200-PBT, FB200-PBT Series)		
Dimension	h	a	e	a	e	l
204	±15	±150	±50	±150	±60	±50
205	±15	±150	±50	±150	±60	±50
206	±15	±150	±50	±150	±60	±50
207	±15	±150	±50	±150	±60	±50
208	±15	±150	±50	±150	±60	±50
209	±15	±150	±50	±150	±60	±50
210	±15	±150	±50	±150	±60	±50
211	±20	±200	±70	±200	±80	±70
212	±20	±200	±70	±200	±80	±70

Pillow Block (P200-PBT) and 2-Bolt flange (FT200-PBT) shown

Table 3b: Thermoplastic Housing Properties:

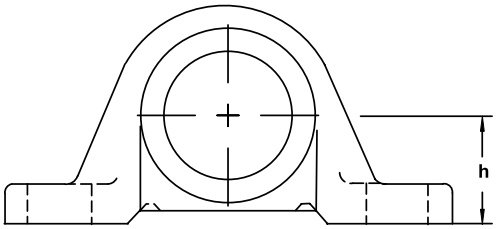
Max. Operating Temperature	Tensile Strength	Flexural strength	Compression Strength	Impact
280°F	17,300 PSI	27,500 PSI	18,000 PSI	15 ft-lbs/inch

2.2 Tolerances for pillow block housings.

Table 4. Tolerances for "h" dimension for pillow block housings.

Unit: 0.0001 in (mm)

Housing No. P, PSB, LP, PWC, PW, PA, PAS	PX00	Tolerance of h
203	--	±59 (±.15)
204	--	
205	X05	
206	X06	
207	X07	
208	X08	
209	X09	
210	X10	
211	X11	±79 (±.20)
212	X12	
213	X13	
214	X14	
215	X15	
216	X16	
217	X17	
218	X18	
--	--	±118 (±.30)
--	X20	



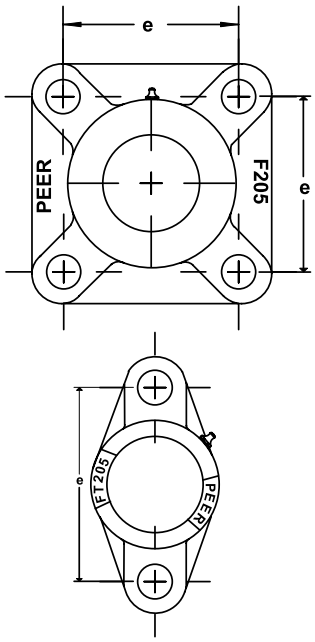
Note: h = height of mounting surface to shaft centerline

2.3 Tolerances for flange unit housings.

Table 5: tolerances for "e" dimension of flange unit housings.

Unit: 0.0001 in. (mm)

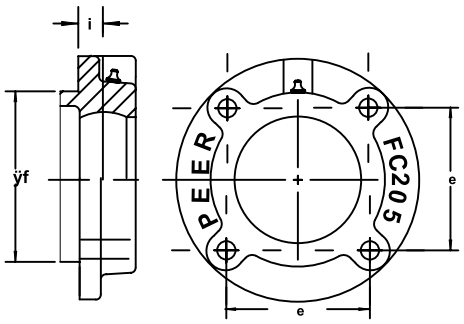
Housing No. F, FS, FT, FTS, LF, FD, FLCT, FJ, FX, F4X, F3X, F3C, FTJ	Casted tolerance of e	Machined tolerance of e
203	±236 (±.6)	±197 (±.5)
204		
205		
206		
207		
208		
209		
210		
211	±315 (±.8)	
212		
213		
214		
215		
216		
217		
218		



Note; 1) e = bolt holes centerline dimension.

2.4 Tolerances for machined back (Piloted) flange unit housings. (FC)

Table 6: Machined back flange unit housings (FC)



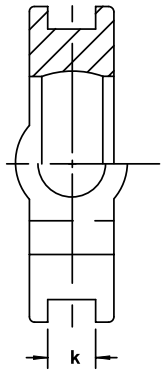
Unit: 0.0001 in. (mm)

Housing No.		Machined tolerance of e	Machined tolerance of i	Radial runout of spigot joint (Max)	Tolerance of f FC200		Tolerance of f FCX00	
					High	Low	High	Low
FC204	--	±157 (±.4)	±157 (±.4)	79	0	-39 (-.1)	0	-39 (-.1)
FC205	FCX05	±197 (±.5)						
FC206	FCX06							
FC207	FCX07							
FC208	FCX08							
FC209	FCX09							
FC210	FCX10							
FC211	FCX11							
FC212	FCX12		±197 (±.5)	118				
FC213	FCX13							
FC214	FCX14							
FC215	FCX15							
FC216	FCX16							
FC217	FCX17							
FC218	FCX18							
--	--							
--	FCX20			157				

Note: 1) e = bolt holes centerline dimensions.
2) i = bearing centerline distance from mounting surface.
3) f = outside diameter of spigot joint.

Table 7: Take up slot widths - “K” dimensions

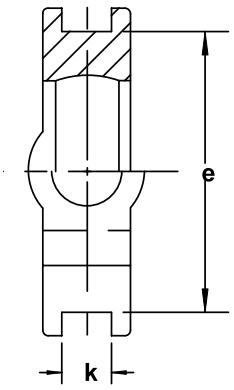
Housing No.	PEER Standard	Option	Option	Option
T-204	17/32	15/32	_	5/16
T-205	17/32	15/32	_	5/16
T-206	17/32	15/32	_	5/16
T-207	17/32	15/32	_	5/16
T-208	11/16	5/8		
T-209	11/16	5/8		
T-210	11/16	5/8		
T-211	.866	17/16	11/16	
T-212	.866	17/16	11/16	
T-213	17/16			
T-214	17/16			
T-215	17/16			
T-216	17/16			
T-217	17/16			



2.5 Tolerances for take up housings. (T)

Table 8: Tolerances for “K” and “e” dimensions
For take up housings (T)

Housing No.		Tolerance Of K	Tolerance of e	Tolerance of parallelism between both grooves (Max.)
T-204	--	+79 0	0 -197	157
T-205	T-X05			
T-206	T-X06			
T-207	T-X07			
T-208	T-X08			
T-209	T-X09			
T-210	T-X10			
T-211	T-X11	+118 0	0 -315	236
T-212	T-X12			
T-213	T-X13			
T-214	T-X14			
T-215	T-X15			
T-216	T-X16			
T-217	T-X17			



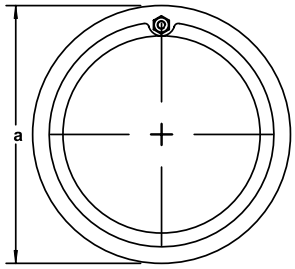
Note: 1) K = width of guide rail grooves
2) e = the span of guide rail grooves

2.6 Tolerances for cartridge unit housings[LL11].

Table 9: Tolerances for cartridge unit housings (C)

Unit 0.0001 in.

Housing No.		Tolerance of a				Radial runout of outside surface (Max.)	Tolerance of l
		C200		CX00			
		High	Low	High	Low		
C204	--	0	-12	--	--	79	±79
C205	CX05			0	-14		
C206	CX06						
C207	CX07	0	-14				
C208	CX08			0	-14		
C209	CX09						
C210	CX10						
C211	CX11	0	-16			118	±118
C212	CX12						
C213	--			--	--		



Note: 1) a = outside diameter of cartridge housings.
2) l = width of cartridge housings.

2.7 Tolerances for standard castings.

Table 10: Standard casted tolerances.

Unit: inches (mm)

Nominal Dimensions	Up to 3.4 inches	3.4 up to 7.87 inches	7.87 up to 15.65 inches	15.65 up to 31.50 inches
Tolerances	±.039 (±1.0)	±.059 (±1.5)	±.098 (±2.5)	±.118 (±3.0)

Tolerances of thickness

Unit: inches (mm)

Nominal Dimension	Up to .197 inches	.197 up to .394 inches	.394 up to .787 inches	.787 up to 1.181 inches	1.181 up to 1.575 inches
tolerances	±.039 (±1.0)	±.059 (±1.5)	±.079 (±2.0)	±.118 (±3.0)	±.157 (±4.0)

Table 11: Machined tolerances For all machined tolerances not otherwise specified in this catalog.

Unit: inches (mm)

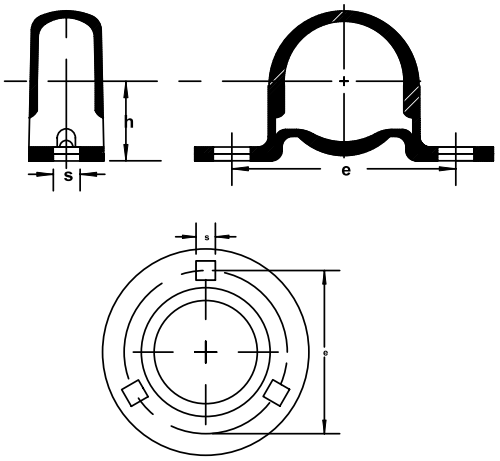
Nominal dimension				Dimensional Tolerances
Over		Incl.		
mm	in	mm	in	
4	0.1575	16	0.6299	±.0118 (±.3)
16	0.6299	63	2.4803	±.0159 (±.4)
63	2.4803	250	9.8425	±.0197 (±.5)

3. Tolerances for pressed steel units.

Table 12: Tolerances for pressed steel housings [LL12].

Unit: 0.0001 in.

Housing No.	e	s	h
PP-3Z TO PP-9Z	±118	±79	±100
PF-3R TO PF-7R			
PFF-7R TO PFF-11R			
PFL-3R TO PFL-7R			



Note: 1) e = centerline dimension
2) s = bolt hole dimension
3) h = base to center height.

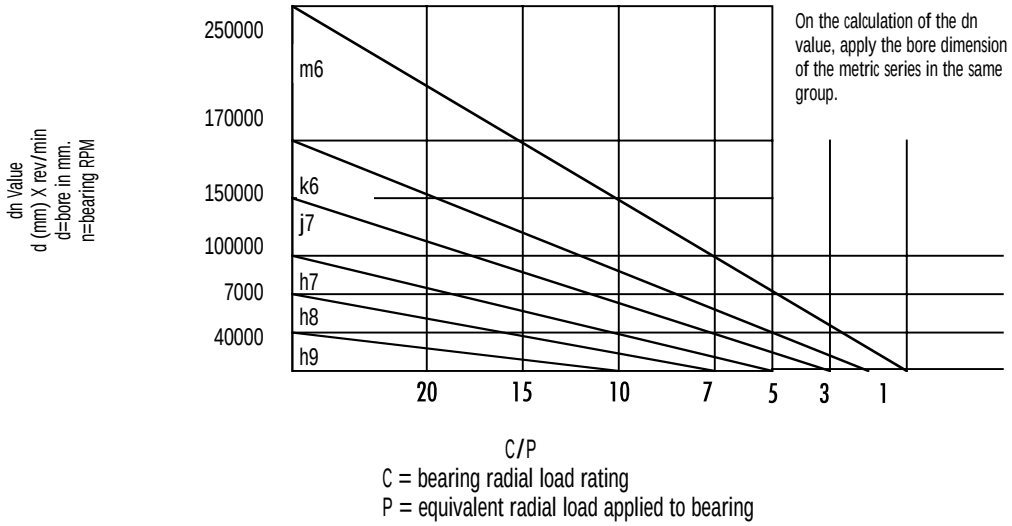
4. Suggested tolerances for shaft

Table 13: Shaft tolerances for cylindrical bore insert bearings.

Unit: 0.0001 in

Shaft Diameter				Shaft Tolerances											
Over		Incl.		h7		h8		h9		j7		k6		m6	
mm	in	mm	in	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
10	0.3937	18	0.7087	0	-7	0	-11	0	-17	+5	-2	+5	0	+7	+3
18	0.7087	30	1.1811	0	-8	0	-13	0	-20	+5	-3	+6	+1	+8	+3
30	1.1811	50	1.9685	0	-10	0	-15	0	-24	+6	-4	+7	+1	+10	+4
50	1.9685	80	3.1496	0	-12	0	-18	0	-29	+7	-5	+8	+1	+12	+4
80	3.1496	120	4.7244	0	-14	0	-21	0	-34	+8	-6	+10	+1	+14	+5
120	4.7244	140	5.5118	0	-16	0	-25	0	-39	+9	-7	+11	+1	+16	+6

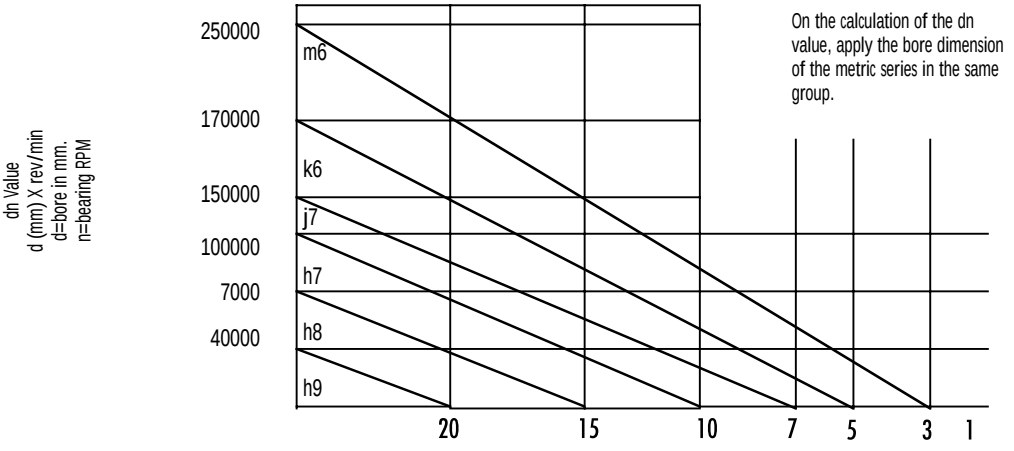
4.1 Suggested shaft tolerances using set screw locking bearings.
Table 14: Suggested shaft tolerances for set screw locking bearing units.



C = bearing radial load rating
P = equivalent radial load applied to bearing

Note: For low speed and/or low load applications, loose fits are adequate.
However, for higher speed and/or load applications, tighter fits are suggested.

4.2 Suggested shaft tolerances using eccentric locking collar bearings.
Table 15: Suggested shaft tolerances for eccentric locking collar bearing units.



C = bearing radial load rating
P = equivalent radial load applied to bearing

As in the case of the set screw system, it is usual under normal operating conditions, to fit the inner ring to the shaft by means of a clearance fit for ease of assembly.

Table 15.1: Eccentric locking collar shaft tolerance quick reference chart.

Unit: 0.0001 in.

Shaft Diameter	Shaft Tolerance
1/2"– 1 15/16"	Nominal to -10
2" – 3 15/16"	Nominal to -16

D. Mounting
Locking to the shaft.

Cylindrical bore bearings- Set screw locking.
For normal operating conditions, ball bearings are fixed to the shaft with socket head set screws as illustrated in figures 4 and 5. It is recommended that the shaft have flats or recesses in the areas where the set screws will contact it. This eliminates the formation of burrs on the shafting

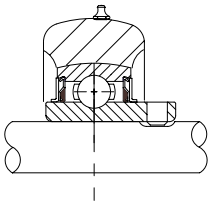


Figure 4

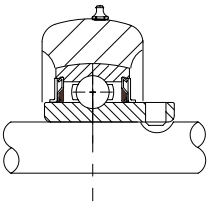


Figure 5

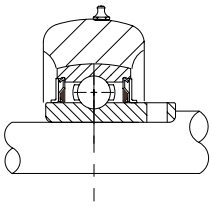


Figure 6

Where vibration, shock and or thrust loads are anticipated, it is recommended that the shaft have a machined shoulder or auxiliary locking collar against which the bearing inner ring can be mounted. See figure 6. Set screws on cylindrical bore bearings should be tightened incrementally and firmly to prevent rotation of the shaft in the bearing bore. Tighten one set screw to sufficiently contact the shaft, then tighten the second set screw to the full torque requirement, and then tighten the first set screw to the full torque requirement. It is also recommended the set screws be re-tightened after 24 hours of operation. Tightening torque values are shown in table 16. Caution should be taken to not over tighten the set screws as this can cause inner ring distortion instigating an eccentric rotation and out of balance situation.

It is important to mention that PEER high frequency anneals the inner ring in the areas around the set screws. In addition to preventing cracking of the inner ring during set screw tightening, this allows the use of larger diameter set screws increasing the holding power. Set screw sizes and hex sizes are shown in table 16. PEER also uses a special set screw spacing to increase holding power of the set screws during operation.

Table 16: Tightening torque of set screws in set screw locking bearings.

Bearing No.			Size	Hex width	Tightening torque In-Lbs.
UC/SER	UCX	FHS			
201-205	X05	201-205	1/4-28x1/4	1/8	77.9
201-205(mm)		201-205(mm)	M6xP1.0		77.9
206-209	X06-X08	206-209	5/16-24x5/16	5/32	156
206-209(mm)		206-209(mm)	M8xP1.0		156
210-213	X10-X12	210-213(mm)	3/8-24x3/8	3/16	273
210-213(mm)			M10xP1.25		273
214-217	X13-X16		7/16-20x7/16	7/32	428
214-217(mm)			M12xP1.5		428
218	X17		1/2-20x1/2	1/4	615
218(mm)			M12xp1.5		428

Note: based on class 3A, alloy steel, knurled cup point set screws, cold forged with black oxide finish. Hardness value of 45-53 used in annealed inner rings with class 3B set screw holes. Other set screw styles and types are available upon request.

Table 16:a Stainless Steel Set Screw Tightening Torque Requirements

Size	Set Screw	Torque (in-lbs)
201-206	1/4-28	54
207-209	5/16-24	110
210-212	3/8-24	205

Cylindrical bore bearings-Eccentric locking collars.
Eccentric locking collar bearings are locked to the shaft by aligning the eccentric area of the collar against the corresponding eccentric area of the inner ring and rotating the collar in the direction of shaft rotation. Using a punch in the blind hole on the collar, tap the punch in the direction of shaft rotation. The eccentric locking collar will continually tighten during shaft rotation. Tightening the set screw in the locking collar to the shaft using the torque values shown in table 17 will provide
limited holding power and is not to be relied upon solely for securing the shaft.

Eccentric Locking collar bearings are to be used in single direction rotating applications only. If a reversing rotation is desired or expected, set screw locking or "Grip-It" style bearings are required. If thrust or axial loads are expected on locking collar bearings, the use of a machined shoulder or auxiliary locking device is required.

Table 17: Tightening torque of set screw in eccentric locking collar.

Eccentric Locking Collar	Inch Size		
	Set screw Dimensions		Tightening Torque
	UNF Threading	Width across flats	In-Lbs.
ER6004-6006	10-32x1/4	3/32	33.5
ER201-203	1/4-28x1/4	1/8	77.9
ER204	1/4-28x1/4	1/8	77.9
ER205	1/4-28x1/4	1/8	77.9
ER206	5/16-24x5/16	5/32	156
ER207-210	3/8-24x3/8	3/16	273
ER211-213	7/16-20x7/16	7/32	428

Note: Metric bore bearings use metric size set screws in the locking collars. See table 16 for tightening torque of metric size set screws.

ECCENTRIC LOCKING COLLAR ASSEMBLY PROCEDURES

Slide Shaft into bearing bore. Shaft must be straight, true and free of nicks and burrs. properly aligned in the housing.

Locate bearing/shaft on mounting surface. Mounting surface should be flat and stable. If needed, align bearing to insure it is

Secure housing to mounting surface.

If possible, rotate shaft by hand in direction of final rotation to insure the bearing turns freely and smoothly.
Slide locking collar over shaft.

Engage locking collar by rotating Collar IN DIRECTION OF SHAFT ROTATION so the eccentricity of the collar mates with the eccentricity of the inner ring.

Insert a drift punch in blind hole of locking collar. Punch must be positioned so striking it rotates the collar IN THE DIRECTION OF SHAFT ROTATION

Using a lightweight hammer, strike Drift punch smartly to engage the Collar IN THE DIRECTION OF SHAFT ROTATION.
(Illustration shown for counter-Clockwise shaft rotation)

DO NOT STRIKE PUNCH IN SUCH A MANNER AS TO EXERT FORCE STRAIGHT DOWN ONTO THE BEARING INNER RING.

Tighten the set screw to prescribed torque.

Cylindrical bore bearings-Concentric "Grip-It" bearings.
"GR" series or Grip-It bearings are locked to the shaft by tightening the concentric collar over the inner ring extension via the cap screw. As the cap screw is tightened, the collar compresses the inner ring extensions capturing the shaft in a concentric manner. Recommended cap screw torque values can be found in table 18.

This mounting style maintains superb shaft to bore concentricity eliminating vibration and fretting corrosion normally associated with insert bearings. In addition, since there is no screw intrusion into the shaft, there is no need to refinish or dress the shaft after removal or replacement of the Bearing.

Table 18: Grip-It series cap screw torque recommendations

"GR" Grip-It Locking			
Size	Cap Screw Size	Wrench Size	Tightening Torque in-lbs
GR204 - GR206	8-32	T-25	65-70
GR207 – GR209	10-24	T-27	80-90
GR210 - GR211	1/4-20	T-30	160-180
GR212	5/16-18	T-45	360-400

5 Greasing:
5.1 greasing intervals.
PEER mounted unit insert bearings are pre-lubricated at the factory and are ready for operation. Under normal operating conditions it is normal for a small amount of grease to purge from the seals during initial start up. This condition will stop once optimum grease fill has been obtained. Re-lubrication of PEER insert bearings is determined by operating conditions and environment. Greases used in re-lubricating PEER bearings should be NLGI # 2 compatible with a lithium thickener, mineral base oil and a temperature range of -10 to +260 degrees F. General greasing intervals based on RPM and operating conditions are shown in table 19. However, experience is the preferred method of determining greasing intervals and fill amounts.

Table 19: Greasing intervals.

Type of unit	dn value	Environmental conditions	Operating temperature F	Relubrication Frequency	
				Hours	Period
Standard	40,000 and below	Ordinary	5 to 176	1500 to 3000	6 to 12 months
Standard	70,000 and below	Ordinary	5 to 176	1000 to 2000	3 to 6 months
Standard	70,000 and below	Ordinary	176 to 212	500 to 700	1 month
Heat-resistant	70,000 and below	Ordinary	212 to 284	300 to 700	1 month
Heat-resistant	70,000 and below	Ordinary	284 to 338	300 to 700	1 month
Heat-resistant	70,000 and below	Ordinary	338 to 392	100	1 week
Cold-resistant	70,000 and below	Ordinary	76 to 176	1000 to 2000	3 to 6 months
Standard	70,000 and below	Very Dusty	5 to 212	100 to 500	1 week to 1 month
Standard	70,000 and below	Exposed to water	5 to 212	30 to 100	Daily to weekly

d = inner diameter of bearing (mm)
n = speed in RPM

5.2 Grease fill amounts

Care should be taken when re-greasing bearings to avoid overfilling. Overfilling can lead to excessive heat and or unseating of the seals. Grease should be introduced in small increments and under light pressure. The use of pneumatic greasing equipment is not recommended unless low pressure is assured. Whenever possible, the shaft should be rotated during relubrication to insure proper grease distribution throughout the raceways.

The grease fill shown in table 20 provides a general rule for re-greasing amounts. However, it is preferred that experience dictates fill amounts due to wide variances in applications and operating environments.

Table 20: Grease fill amounts.

Series	Fill Amount
201-205	2 grams
206-208	3 grams
209-212	5 grams
213-218	8 grams

5.3 Grease fittings.

PEER offers many styles and types of grease fittings. Figure 7 illustrates some of the many styles and sizes PEER units can be equipped with. Optional fitting materials, thread designs and additional styles are available by special order. Table 21 shows the standard fitting sizes used on PEER units.

Table 21: Grease fitting equipped in PEER ball bearing mounted units.

Bearing Number	Fitting Name	Thread Size
203-209	Zerk-1/4-28	1/4-28 UNF
210-218	Zerk-PS-18	1/8-27 NPT

Note: Optional 90˚ and 45˚ fittings available.

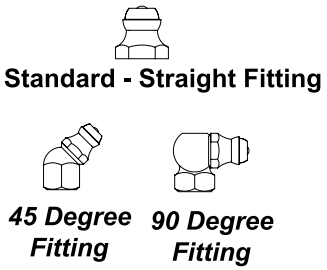


Figure 7

Location of zerk hole on pillow block units.

PEER has the ability to locate the zerk hole in a wide variety of locations on the pillow block housings. Table 22 shows our standard location. See figure 8 and figure 9. Special locations are available by request.

Table 22: Location of zerk fitting on pillow block units.

Unit no.	Location
203-209	Angle - Figure 8
210-218	Top - Figure 9

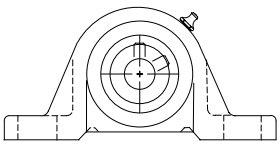


Figure 8

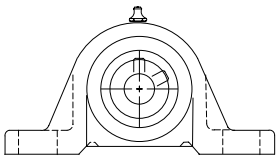


Figure 9

5.4 Grease types.

PEER bearings are pre-lubricated with standard grease suitable for a wide variety of applications, speeds, temperatures and environments. Special greases are readily available. Shown in table 23 is a small sampling of standard and special greases offered.

Table 23: Greases and operating temperatures.

Manufacturer trade name.	Recommended operating temperature range F	Properties				
		Thickener	Base oil	Water resistant	Viscosity CST @ 40C	Viscosity CST @ 100C
Shell Alvania RL2	-10 to +260	Lithium	Mineral	Yes	98	9.4
Shell Alvania RL3	0 to +230	Lithium	Mineral	Yes	98	9.4
Exxon Polyrex EM	-40 to +350	Polyurea	Mineral	Yes	115	12.2
Chevron SRI #2	-20 to +350	Polyurea	Mineral	Yes	110	11
Chevron FM NLGI #2	-40 to +300	Polyurea	Mineral	Yes	220	18
Krytox 240AC / GPL	-30 to +550	Synthetic	Synthetic	Yes	270	26

Note: Operating temperature, environment, RPM and load all play a role in selecting the appropriate grease for each application. Experience and field data are the best method of selecting the correct grease.

6. Internal radial clearance.

Internal clearance between the balls and ball raceways in insert ball bearings permits interference fits on the bearing rings without preloading the bearings. In addition, the internal clearance is designed to allow for slight thermal expansion of the shafting in the inner ring and slight misalignment of the inner and outer rings. Proper internal clearance is particularly important for bearings operating at high speeds or under high temperatures and or loads.

Radial clearance can be defined as the average diameter of the outer ring raceway, minus the average diameter of the inner ring raceway, minus twice the ball diameter. The result is the amount of radial internal clearance. Generally, radial clearance is measured on assembled bearings by displacing the outer ring radially with respect to the inner ring under a reversing light gauge load. Table 24 shows the most common internal clearance classifications.

Table 24: Internal radial clearance for cylindrical bore insert bearings

Unit: 0.001mm / 0.0001 in.

Nominal bore diameter d				Radial internal clearance																			
				C2				C0				Standard / C3				C4				C5			
Over		Incl.		min.		max.		min.		max.		min.		max.		min.		max.		min,		max.	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	In
10	0.3937	18	0.7087	0	0	9	4	3	1	18	7	11	4	25	10	18	7	33	13	25	10	45	18
18	0.7087	24	0.9449	0	0	10	4	5	2	20	8	13	5	28	11	20	8	36	14	28	11	48	19
24	0.9449	30	1.1811	1	0	11	4	5	2	20	8	13	5	28	11	23	9	41	16	30	12	53	21
30	1.1811	40	1.5748	1	0	11	4	6	2	20	8	15	6	33	13	28	11	46	18	40	16	64	25
40	1.5748	50	1.9685	1	0	11	4	6	2	23	9	18	7	36	14	30	12	51	20	45	18	73	29
50	1.9685	65	2.5591	1	0	15	6	8	3	28	11	23	9	43	17	38	15	61	24	55	22	90	35
65	2.5591	80	3.1496	1	0	15	6	10	4	30	12	25	10	51	20	46	18	71	28	65	26	105	41
80	3.1496	100	3.9370	1	0	18	7	12	5	36	14	30	12	58	23	53	21	84	33	75	30	120	47
100	3.9370	120	4.7244	2	1	20	8	15	6	41	16	36	14	66	26	61	24	97	38	90	35	140	55
120	4.7244	140	5.5118	2	1	23	9	18	7	48	19	41	16	81	32	71	28	114	45	105	41	160	63

Note: Peer standard is C3 clearance for all ball bearing units except SER series, which utilizes C4 internal clearance.

6.1 Load ratings

The load ratings shown in table 25a apply to all PEER deep groove, mounted unit, ball bearings manufactured using 52100 bearing grade steel. See table 25b for load ratings of PEER stainless steel bearings.

Load ratings for cylindrical bore UC, HC, FHS, FHSR, FH, FHR, GR and SER series bearings are identical. The load ratings in table 25a have been calculated per ABMA standard 9-1990 and conform to ISO standard 281.

Table 25a; Load rating data 52100 steel bearings.
Unit: Lbf

Bearing Number							Basic Load Rating	
UC	HC	GR	FH	FHS	UCX	SER	Dynamic (Cr)	Static (Cor)
201S-203S	201S-203S		201-203	201-203			2160	1000
201-204	201-204	201-204	204	204		8-12	2900	1410
205	205	205	205	205		14-16	3150	1610
206	206	206	206	206	X05	17-20s	4370	2320
207	207	207	207	207	X06	20-23	5770	3150
208	208	208	208	208	X07	24-25	7340	3650
209	209	209	209	209	X08	26-28	7350	4150
210	210	210	210	210	X09	29-31	7880	4650
211	211	211	211	211	X10	32-25	9740	5850
212	212	212			X11	36-39	11780	7250
213	213				X12	40	13980	8000
214	214				X13		14000	8800
215	215				X14		14830	9750
216	216				X15		16280	10500

NOTE: These dynamic load ratings (Cr) are based on an interference shaft fit. ABMA standard 9-1990 recommends that for slip or loose shaft fits, divide the basic dynamic load rating (Cr) by 1.3 to obtain the de-rated value. For PEER GR series bearings, where shaft to bore concentricity is maintained, the de-rating factor can be reduced to 1.1 or eliminated depending on application parameters.

Table 25b: Load Rating data Stainless Steel Bearings
Unit: Lbf

Bearing Number		Load Rating	
SUC	SFHS	Cr Dynamic	Cor Static
204	204	2227	1500
205	205	2425	1763
206	206	3373	2535
207	207	4431	3439
208	208	5026	4012
209	209	5666	4586
210	210	6063	5225
211	211	7496	5622
212	212	9039	6944

E. Load Capacity and Life

Many factors influence the selection of a bearing for a particular application. The most common of these is the selection of a bearing based on its load carrying capacity and life calculations. A numerical value termed BASIC LOAD RATING has been assigned each insert bearing to be used in the life calculations. Values for the basic dynamic (Cr) and static (Cor) load capacity can be found in table 25 and on the individual insert bearing dimension pages of this catalog.

1) Basic Load Rating

The basic dynamic load rating (Cr) is used in calculations involving dynamically stressed bearings, when selecting a bearing which is to rotate under a radial load. This load rating expresses the dynamic load a specific bearing will operate under for a life of 1,000,000 revolutions (33 1/3 RPM for 500 hours).

2) Life

The life of an individual bearing is defined as the number of revolutions which the bearing is capable of enduring before fatigue occurs on the rings or balls.

Dynamic load ratings are based on the life that 90% of a group of identical bearings can be expected to reach or exceed. The majority of PEER bearings attain much longer life than this. The median life is approximately five times the calculated life rating.

2.1) Life calculation

The relationship between the basic rating life, the basic dynamic load rating and the applied load is expressed by the equation:

$$L10 = (Cr/P)^{p}$$

Where
L10 = basic rating life in millions of revolutions.
Cr = basic dynamic load rating, Lbf.
P = equivalent dynamic applied load, Lbf.
p = exponent for the life equation. For ball bearings the p value is 3.
For bearings operating under a steady applied load and at a constant speed, a basic life expressed in operating hours uses the equation:

$$L10h = (Cr/P)^{3} \times 16667/n$$

Where
L10h = basic life in operating hours
n = operating speed, RPM.

The basic rating life expressed as either L10 or L10h should be used when selecting a bearing size.

Example 1: Determining L10h life.
An UC205-16 bearing is operating at 700 RPM with an applied radial load of 350 Lbf. The calculation for minimum (L10h) is;

From table 25 we know an UC205-16 bearing has a basic dynamic load rating (Cr) of 3150 Lbf. Therefore $(Cr/P)^{3} = (3150/350)^{3}$ or 729. Given the RPM of 700 we know 16667/700 = 23.81. Therefore, 729 x 23.81 = 17,357.5 hours.

Example 2: Selecting a bearing.
A bearing is required to operate under a radial load (P) of 674 Lbf. At a constant speed of 2000 RPM and achieve a L10h life of 15,000 hours. To select the bearing we use the equation;

$Cr = P \times ((L10 \times RPM) / 16{,}667)^{1/3}$ or $674 \times ((15{,}000 \times 2000) / 16667)^{1/3}$ or Cr = 8199 Lbf.

Using this information and table 24 we find we need to use a bearing of size 211 at minimum to achieve this.

Example 3: Finding maximum load (P).
An UC204-12 bearing is to achieve a L10h of 10,000 hours while operating at 1500 RPM. To calculate the maximum steady radial load we can apply use the formula;

$P = Cr / ((L10 \times RPM) / 16667)^{1/3}$ or $P = 2900 / ((10{,}000 \times 1500) / 16667)^{1/3}$ or P = 300 Lbf.

Load Rating tables:

52100 Steel Bearings

Table 26a shows PEER standard duty 52100 steel ball bearings radial load capacity based on L10 life, operating speed and ring (bearing) size. The values in this table represent those loads a particular bearing can operate at, under ideal circumstances, and achieve a predetermined life (L10) at a selected RPM. ABMA standard 9-1990 recommends the use of a mounting factor multiplier de-rating these loads when a slip fit or loose fit shaft is used. To obtain the de-rated load multiply the load by 1.3.

Units: Lbf

		Revolutions Per Minute										
Size	L10 Hours	33.1/3	50	150	500	1000	1500	2000	3000	4000	5000	6000
201-203(S)	500	**2160**	1887	1308	876	695	607	552	482	438	407	383
	5000	1003	876	607	407	323	282	256	224	203	189	178
	10000	796	695	482	323	256	224	203	178	161	150	141
	30000	552	482	334	224	178	155	141	123	112	104	---
	50000	465	407	282	189	150	131	119	104	---	---	---
	100000	496	323	224	150	119	104	---	---	---	---	---
201-204	500	**2900**	2533	1757	1176	933	815	741	647	588	546	514
	5000	1346	1176	815	546	433	379	344	300			
	10000	1068	933	647	433	344	300	273	238	217	201	189
	30000	741	647	449	300	238	208	189	165	150	139	131
	50000	625	546	379	253	201	176	160	139	127	118	111
	100000	539	433	300	201	160	139	127	111	101	---	---
205	500	**3150**	2752	1908	1277	1014	886	805	703	639	593	---
	5000	1462	1277	886	593	471	411	374	326	296	275	
	10000	1161	1014	703	471	374	326	296	259	235	218	---
	30000	805	703	487	326	259	226	206	180	163	151	---
	50000	679	593	411	275	218	191	173	151	138	128	---
	100000	747	471	326	218	173	151	138	120	109	101	---
206	500	**4370**	3818	2647	1772	1407	1229	1116	975	886	---	---
	5000	2029	1772	1229	823	653	570	518	453	411		
	10000	1610	1407	975	653	518	453	411	359	326	---	---
	30000	1116	975	676	453	359	314	285	249	226	---	---
	50000	942	823	570	382	303	265	241	210	191	---	---
	100000	987	653	453	303	241	210	191	167	152	---	---
207	500	**5770**	5041	3495	2340	1857	1622	1474	1288	1170	---	---
	5000	2678	2340	1622	1086	862	753	684	598	543		
	10000	2126	1857	1288	862	684	598	543	474	431	---	---
	30000	1474	1288	893	598	474	414	377	329	299	---	---
	50000	1243	1086	753	504	400	350	318	277	252	---	---
	100000	1255	862	598	400	318	277	252	220	200	---	---
208	500	**7340**	6412	4446	2977	2363	2064	1875	1638	---	---	---
	5000	3407	2977	2064	1382	1097	958	870	760			
	10000	2704	2363	1638	1097	870	760	691	604	---	---	---
	30000	1875	1638	1136	760	604	527	479	418	---	---	---
	50000	1582	1382	958	641	509	445	404	353	---	---	---
	100000	1257	1097	760	509	404	353	321	280	---	---	---
209	500	**7350**	6421	4452	2981	2366	2067	1878	1640	---	---	---
	5000	3412	2981	2067	1384	1098	959	872	761			
	10000	2708	2366	1640	1098	872	761	692	604	---	---	---
	30000	1878	1640	1137	761	604	528	480	419	---	---	---
	50000	1584	1384	959	642	510	445	405	353	---	---	---
	100000	1348	1098	761	510	405	353	321	281	---	---	---
210	500	**7880**	6884	4773	3195	2536	2216	2013	1759	---	---	---
	5000	3658	3195	2216	1483	1177	1029	934	816			
	10000	2903	2536	1759	1177	934	816	742	648	---	---	---
	30000	2013	1759	1219	816	648	566	514	449	---	---	---
	50000	1698	1483	1029	689	547	477	434	379	---	---	---
	100000	1666	1177	816	547	434	379	344	301	---	---	---
211	500	**9740**	8509	5900	3950	3135	2739	2488	---	---	---	---
	5000	4521	3950	2739	1833	1455	1271	1155				
	10000	3589	3135	2174	1455	1155	1009	917	---	---	---	---
	30000	2488	2174	1507	1009	801	700	636	---	---	---	---
	50000	2099	1833	1271	851	676	590	536	---	---	---	---
	100000	2015	1455	1009	676	536	468	426	---	---	---	---
212	500	**11780**	10291	7136	4777	3792	3312	3009	---	---	---	---
	5000	5468	4777	3312	2217	1760	1538	1397				
	10000	4340	3792	2629	1760	1397	1220	1109	---	---	---	---
	30000	3009	2629	1823	1220	969	846	769	---	---	---	---
	50000	2538	2217	1538	1029	817	714	648	---	---	---	---
	100000	2391	1760	1220	817	648	566	515	---	---	---	---
213	500	**13980**	12213	8468	5669	4500	3931	3572	---	---	---	---
	5000	6490	5669	3931	2632	2089	1825	1658				
	10000	5151	4500	3120	2089	1658	1448	1316	---	---	---	---
	30000	3572	3120	2163	1448	1150	1004	912	---	---	---	---
	50000	3012	2632	1825	1222	970	847	770	---	---	---	---
	100000	2394	2089	1448	970	770	672	611	---	---	---	---
214	500	**14000**	12230	8480	5677	4506	3937	3577	---	---	---	---
	5000	6499	5677	3937	2635	2092	1827	1660				
	10000	5158	4506	3125	2092	1660	1450	1318	---	---	---	---
	30000	3577	3125	2166	1450	1151	1006	914	---	---	---	---
	50000	3017	2635	1827	1223	971	848	771	---	---	---	---
	100000	2536	2092	1450	971	771	673	612	---	---	---	---
215	500	**14830**	12955	8983	6014	4773	4170	3789	---	---	---	---
	5000	6884	6014	4170	2792	2216	1936	1759				
	10000	5464	4773	3310	2216	1759	1536	1396	---	---	---	---
	30000	3789	3310	2295	1536	1219	1065	968	---	---	---	---
	50000	3196	2792	1936	1296	1029	899	816	---	---	---	---
	100000	0	2216	1536	1029	816	713	648	---	---	---	---

Values shaded and in bold are that series basic dynamic load (Cr) value.

2.2 Static load rating

In cases where the bearings are to rotate at relatively low speeds, have slow oscillating movements, or are exposed to shock loads, a basic static (Cor) load rating must be taken into consideration.

2.21 Thrust Load rating

PEER inserts are manufactured to the same standards as deep groove Conrad bearings and therefore designed mainly for radial loads. While they will accept a certain amount of thrust or axial loading their core intent is for radial loading. In cases where there is a thrust or axial load applied to PEER insert bearings, it is desired that the thrust load be less than 1/3 of the bearings basic dynamic load rating (Cr) value. In no case should the thrust load exceed the bearings static load capacity (Cor) value.

2.22 Combined loads.

Deep groove ball bearings are designed to accept a radial load. However, they are capable of handling a small degree of axial or thrust load in addition to the radial load.

In applications where both a radial and axial load is acting on a bearing, a combined load value needs to be used in the life calculations. This equivalent dynamic radial load is defined as the hypothetical load, constant in magnitude and direction, acting radially on insert radial bearings, which would have the same influence on bearing life as the actual loads to which the bearing is to be subjected. Assuming constant load, Po = C1(xFr + yFa) where C1 = impact factor, fr = the radial load and fa = the axial load, x and y vary depending on the Fa/Co and Fa/Fr ratios. Table 27 shows C1 or impact factors and Table 27a shows the x and y factors.

Table 27: Impact Factors

Type of Load	C1
Constant or steady	1.0
Light shocks	1.5
Moderate shocks	2.0
Heavy shocks	3.0 +

Table 27a: Radial and axial factors x and y for determining equivalent bearing load for ball bearings.

Fa/Cr	e	Fa/Fr ≤ e		Fa/Fr ≥ e	
		x	y	x	y
0.014	0.19	1	0	0.56	2.30
0.028	0.22				1.99
0.056	0.26				1.71
0.084	0.28				1.55
0.11	0.30				1.45
0.17	0.34				1.31
0.28	0.38				1.15
0.42	0.42				1.04
0.56	0.44				1.00

Note: It is not recommended that Fa exceed 1/3 of the basic dynamic load rating (Cr) from table 25. If Fa is greater than or equal to 1/3 of the basic load rating (Cr) from table 25, consult Peer engineering department. In no instances should Fa exceed the bearings static load capacity Cor.

2.3 Variable load and speed.
In applications with a constant speed, where the load grows linearly from a minimum value (Pmin) to a maximum (Pmax), then drops back to the minimum value, the average load is;

Pm = (Pmin + 2Pmax) / 3
Where Pm = equivalent dynamic bearing load in Lbs.
P1 = constant load at n1 RPM for T1 minutes.
P2 = constant load at n2 RPM for T2 minutes.
Pn = constant load at nn RPM for Tn minutes.
n = RPM
T = Time

When a bearing is subjected to consecutive runs at different constant speeds and different periods of load application, the ideal constant load Pm can be calculated by: $Pm = (((P1^3 \times n1 \times T1) + (P2^3 \times n2 \times t2) + ...+ (Pn^3 \times nn \times Tn)) / ((n1 \times t1) + (n2 \times T2) +...+ (nn \times Tn)))^{1/3}$

2.4 Life Adjustment Factors, a1, a2, a3 for insert ball bearings.

a1, Life adjustment factor for reliability.
L10 is the life based upon a 90% or greater survival rate of a group of bearings. When the application requires a higher reliability the a1 adjustment factor can be obtained from table 28.

Reliability %	Ln	Factor a1
90	L10	1
95	L5	0.62
96	L4	0.53
97	L3	0.44
98	L2	0.33
99	L1	0.21

Table 28
a2, Life adjustment factors for bearing materials.
Adjustments for special bearing steel properties such as low impurity levels, heat treating, etc. is covered under adjustment a2. However, per ABMA standard 9-1990 7.4.2, this is not sufficient justification for an a2 value greater than 1. Therefore, the a2 factor for Peer insert bearings will remain consistent at 1 as shown in table 29.

Bearing Steel	Factor a2
PEER vacuum degassed 52100 chrome steel	1

Table 29
a3, life adjustment for operating conditions.
The a3 adjustment factor is the result of any number of operating factors the end user wishes to consider in the life analysis. These include but are not limited to, cleanliness of environment, temperature, viscosity of lubrication, shaft size and alignment. These factors combined reflect the a3 adjustment factor. However, in calculating the a3 for insert ball bearings with slip fit shafts and set screw or eccentric locking collars, it is accepted that a3 will equal 0.456 per ABMA Standard 9-1990 7.5.4. This is the result of the mounting and assembly methods insert bearings with slip fit shafts employ. Since there is normally a slip fit between the bearing bore and shaft diameter for set screw and eccentric locking collar insert bearings, the a3 will be consistent at 0.456. For Peers' "GR" series Grip-It bearings, which maintain a concentric shaft to bore alignment, the a3 factor may be increased to 0.800. If the basic dynamic load rating (Cr) used in the L10 or L10h calculation has already been de-rated, there is no need for further de-ration under the a3 adjustment factor.

The above 3 adjustment factors can be added to the L10 life calculation by the formula; Lna = (a1 x a2 x a3) L10

2.5 Calculating Applied Loads (P):

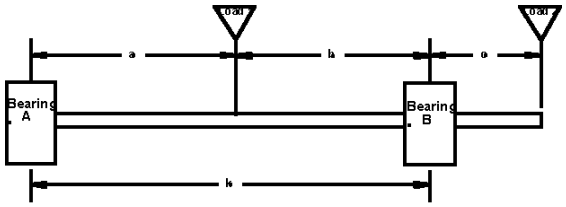
The applied load acting on a bearing is a primary factor in selecting the appropriate bearing and calculating L10 life for a given application. For proper insert bearing selection and L10 life calculations, it is necessary to know the applied load(s) in a given application. These loads may be any one or a combination of the following factors;

1. Weights of components being supported by the bearings.
2. Tightness or tension from chain or belt pressure.
3. Vibration, varying loads or eccentricity of rotation.

To correctly calculate the applied load(s) it is necessary to know the;

1. Amount of the load.
2. Load direction.
3. Distances between support bearings and loads.

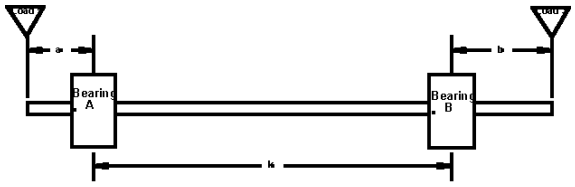
Once these factors are known, one of the following calculations can be employed;



Load on Beaing A =
(Load 1 x b) - (Load 2 x c) / k

Load on Beaing B =
(Load 1 x a) + (C + K) x (Load 2) / k

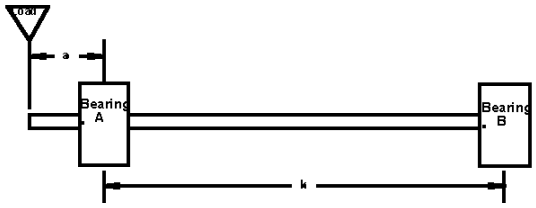
or



Load on Beaing A =
Load 1 x (a + k) - (Load 2 x b) / k

Load on Beaing B =
(Load 2 x (k + b) - (Load 1 x a) / k

or



Load on Beaing A =
Load 1 x (a + k) / k

Load on Beaing B =
(Load 1 x a) / k

Vibratory Loads;

For applications where there is an applied eccentric motion or vibration is designed into the design, it is necessary to calculate the effective force acting on the bearings resulting from this motion. This is calculated through the basic physics law of centrifugal force or "Force = Mass x Acceleration" using the equation F = .000341 x W x (R/12) x (N)^2 where;

F = load

W = weight of rotating component in lbs.

R = radius of rotation in inches

N = RPM of shaft.

Example: the centrifugal load acting on a bearing operating under a vibratory rotation consisting of 1500 lbs weight with rotation radius of .125"(1/8") at 500 RPM is; F = .000341 x 1500 x .125/12 x (500)^2 = 1332lbs

Limiting Speeds:
Table 30 lists the limiting speeds or maximum allowable RPM a bearing can operate at. The values listed in table 30 represent set screw or eccentric locking collar bearings with slip fit shafts and a 40% - 50% lubricant fill. For "GR" or Grip-It style 360o locking bearing or bearings with press fit shafts, these values can be increased 30% or multiplied by a value of 1.3.

Speed limits are greatly influenced by the bearings seal design and therefore, the more seal contact the lower the allowable maximum speed rating. All limiting speeds are based on horizontally mounted shafts and radial loads.

Table 30:

Ring Size	Shaft Size	"Z" Shield	"R" seal	"RST" Seal	"Y" Seal	"DBL" Seal	"TRL" Seal
201-203	1/2	7300	6500	6500	1950	1463	650
	12mm	7300	6500	6500	1950	1463	650
	9/16	7300	6500	6500	1950	1463	650
	5/8	7300	6500	6500	1950	1463	650
	15mm	7300	6500	6500	1950	1463	650
	11/16	7300	6500	6500	1950	1463	650
	17mm	7300	6500	6500	1950	1463	650
204	3/4	7300	6500	6500	1950	1463	650
	13/16	7300	6500	6500	1950	1463	650
	20mm	7300	6500	6500	1950	1463	650
205	13/16	6500	5850	5850	1755	1316	585
	7/8	6500	5850	5850	1755	1316	585
	15/16	6500	5850	5850	1755	1316	585
	1	6500	5850	5850	1755	1316	585
	25mm	6500	5850	5850	1755	1316	585
206 (X05)	1 1/16	5500	5000	5000	1500	1125	500
	1 1/8	5500	5000	5000	1500	1125	500
	1 3/16	5500	5000	5000	1500	1125	500
	1 1/4 (s)	5500	5000	5000	1500	1125	500
	30mm	5500	5000	5000	1500	1125	500
207 (X06)	1 1/4	4700	4300	4300	1290	968	430
	1 5/16	4700	4300	4300	1290	968	430
	1 3/8	4700	4300	4300	1290	968	430
	1 7/16	4700	4300	4300	1290	968	430
	35mm	4700	4300	4300	1290	968	430
208 (X07)	1 1/2	4200	3750	3750	1125	844	375
	1 9/16	4200	3750	3750	1125	844	375
	40mm	4200	3750	3750	1125	844	375
209 (X08)	1 5/8	3800	3400	3400	1020	765	340
	1 11/16	3800	3400	3400	1020	765	340
	1 3/4	3800	3400	3400	1020	765	340
	45mm	3800	3400	3400	1020	765	340
210 (X09)	1 15/16	3600	3300	3300	990	743	330
	2 (s)	3600	3300	3300	990	743	330
	50mm	3600	3300	3300	990	743	330
211 (X10)	2	3300	3000	3000	900	675	300
	2 1/8	3300	3000	3000	900	675	300
	2 3/16	3300	3000	3000	900	675	300
	55mm	3300	3000	3000	900	675	300
212 (X11)	2 1/4	3000	2700	2700	810	608	270
	2 3/8	3000	2700	2700	810	608	270
	2 7/16	3000	2700	2700	810	608	270
	60mm	3000	2700	2700	810	608	270
213 (X12)	2 1/2	2600	2350	2350	705	529	235
	2 9/16	2600	2350	2350	705	529	235
	65mm	2600	2350	2350	705	529	235
214 (X13)	2 5/8	2500	2250	2250	675	506	225
	2 11/16	2500	2250	2250	675	506	225
	2 3/4	2500	2250	2250	675	506	225
	70mm	2500	2250	2250	675	506	225
215 (X14)	2 7/8	2300	2100	2100	630	473	210
	2 15/16	2300	2100	2100	630	473	210
	3	2300	2100	2100	630	473	210
	75mm	2300	2100	2100	630	473	210

PEER Mounted Unit Interchange All Shown in 1" Sizes

	PEER	AMI	BROWNING	DODGE	FAFNIR
Pillow Blocks	UCP205-16	UCP205-16	VPS 216	P2B-SC-100	YAS 1
	UCLP205-16	UCLP205-16	VPLS 216	P2B-SCB-100	YAK 1
	UCPX05-16	UCPX05-16	VPS 316	P2B-SCM-100	—-
	HCP205-16	UGP205-16	VPE 216	P2B-SXR-100	RAS 1
	HCLP205-16	UGLP205-16	VPLE 216	P2B-SXRB-100	RAK 1
	GRP205-16	—-	VPB-216	P2B-DL-100	—-
	GRLP205-16	—-	VPLB-216	P2B-DLB-100	—-
	FHSP205-16G	BP205-16	VPS 116	P2B-VSC-100	SAS 1
	FHP205-16G	KHP205-16	VPE 116	P2B-SXV-100	VAS 1
	FHSLP205-16G	BLP205-16	VPLS 116	P2B-VSCB-100	SAK 1
	FHLP205-16G	KHLP205-16	VPLE 116	P2B-SXVB-100	VAK 1
	FHSPWC205-16G	BLLP5-16	VPS 116	—-	—-
	FHPWC205-16G	KHLLP205-16	—-	—-	—-
	FHSPW205-16G	BPW205-16	VPS 116M	—-	—-
	FHPW205-16G	KHPW205-16	VPE 116M	—-	—-
	UCPA205-16	—-	—-	—-	—-
	UCPAS205-16	UCTB205-16	VTBS 217	TB-SC-100	YTB 2
	FHSPRZ205-16	BPR5-16	SSRPS 116	—	—-
	FHPRZ205-16	KHPR205-16	SSRPE 116	—-	RPB 1
	FHSPPZ205-16	BPP5-16	SSPS 116	P2B-SL-100	—-
	FHPPZ205-16	KHPP205-16	SSPE 116	P2B-SLX-100	PB 1
	FHSPBPFLZ205-16	—	—-	—-	—
	FHPBPFLZ205-16	—-	—-	—-	PBS 1
4-Bolt Flanges	UCF205-16	UCF205-16	VF4S 216	F4B-SC-100	YCJ 1
	UCFX05-16	UCFX05-16	VF4S 316	F4B-SCM-100	—-
	HCFS205-16	UGSLF205-16	VF4E 216	F4B-SXR-100	RCJ 1
	GRF205-16	—-	VF4B-216	F4B-DL-100	—-
	FHSF205-16G	BF205-16	VF4S 116	F4B-VSC-100	SCJ 1
	FHF205-16G	KHF205-16	VF4E 116	F4B-SXV-100	VCJ 1
	FHSFJ205-16G	—-	—-	—-	—-
	FHF4X208-24	—-	—-	—-	—-
	HCF4X208-24	—-	—-	—-	—-
	UCFC205-16	UCFC205-16	—-	—-	—-
3-Bolt Flanges	UCFB205-16	UCFB205-16	—	FB-SC-100	—-
	GRFB205-16	—-	—-	—-	—-
	FHSF3X205-16G	BTM205-16	VF3S 116	LF-SC-100	GSFD 1
	FHF3X205-16G	KHTM205-16	VF3E 116	LF-SXV-100	GVFD 1
	FHSF3C205-16	—-	—-	—-	—-
	FHF3C205-16	—-	—-	—-	—-
	FHSPFZ205-16	BPF5-16	SSF3S 116	F3B-SL-100	—-
	FHSPFFZ208-24	—-	SSF4S 124	F4B-SL-124	—-
	FHPFZ205-16	KHPF205-16	SSF3E 116	F3B-SLX-100	—-
	FHPFFZ208-24	—-	SSF4E 124	F4B-SLX-124	—-
	FHSPFTZ205-16	BPFF5-16	SSF3TS	—-	—-
	FHPFTZ205-16	KHPFT205-16	SSF3TE 116	—-	RATR 1
2-Bolt Flanges	UCFT205-16	UCFT205-16	VF2S 216	F2B-SC-100	YCJT 1
	UCFTX05-16	UCFLX05-16	VF2S 316	F2B-SCM-100	YCJTM 1
	HCFTS205-16	UGFJT205-16	VF2E 216	F2B-SXR-100	RCJT 1
	GRFT205-16	—-	VF2B-216	F2B-DL-100	—-
	FHSFT205-16G	BFT205-16	VF2S 116	F2B-VSC-100	SCJT 1
	FHFT205-16G	KHFT205-16	VF2E 116	F2B-SXV-100	VCJT 1
	FHFTJ205-16G	—-	VF2E 116	—-	VCJT 1
	FHSLF205-16G	BLFL5-16	—-	—-	—-
	FHLF205-16G	KHLFL205-16	—-	—-	—-
	FHSFD205-16G	—-	—-	—-	—-
	FHFD205-16G	—-	—-	—-	—-
	FHSFLCTQ205-16G	BLCTE205-16	—-	—-	—-
	FHFLCTQ205-16G	KHLCTE205-16	—-	—-	FLCT 1
	FHSFX205-16G	BFX205-16	VF2S 116M	LFT-SC-100	GSFTD 1
	FHFX205-16G	KHFX205-16	VF2E 116M	—-	GVFTD 1
	FHSPFLZ205-16	BPFL5-16	SSF2S-116	F2B-SL-100	—-
	FHPFLZ205-16	KHPFL205-16	SSF2E-116	F2B-SLX-100	RAT 1
	FHSR205-16-4X730	—-	—-	—-	—
	FHR205-16-4X730	—	—-	—-	—
	FHSR205-16-2FM	—-	—-	—-	—-
	FHSR205-16-2NCFM	—-	—-	—-	—-
	RCSMRFZ-16S	—-	—-	—-	—-
	RCSMRFZ-16L	—-	—-	—-	—-

HUB CITY	IPTCI	LINK BELT	NTN	SKF	SEAL MASTER
—	UCP205-16	P3-U216N	UCP205-100T	SY 1 TM	NP-16
—	UCPL205-16	PL3-U216N	UCPL205-100T	—	NPL-16
—	UCPX05-16	—	UCPX05-100T	SYM 1 TM	MP-16
—	NAP205-16	P3-Y216N	UELP205-100T	—	RP-16E
—	NAPL205-16	PL3-Y216N	UELPL205-100T	SYH 1 WM	RPL-16E
—	—	—	—	—	NP-16T
—	—	—	—	—	NPL-16T
PB251-1	SBP205-16G	—	—	—	VP-16
PB221-1	SAP205-16G	P3-W216U	—	SY 1 FM	VP-16E
PB250-1	SBPL205-16G	—	—	—	VPL-16
PB220-1	SAPL205-16G	PL3-W216U	—	SYH 1 FM	VPL-16E
PB100/150-1	SBLP205-16G	—	—	—	—
—	SALP205-16	—	—	—	—
—	—	—	—	—	LP-16
—	—	—	—	—	LP-16E
—	—	—	—	—	—
—	UCPA205-16	PT3-U216N	UCUP205-100T	—	TB-17
—	—	—	ASRPP205-100	—	LRP-16
—	—	—	—	SR 1 FM	—
PB100-1	—	—	ASPP205-100	—	SSP-16
—	—	—	AELPP205-100	S 1 FM	SSP-16E
—	—	—	—	—	—
—	—	—	—	—	—
—	UCF205-16	F3-U216N	UCF205-100T	FY 1 TM	SF-16
—	UCFX05-16	—	UCFX205-100T	FYM 1 TM	MSF-16
—	NANF205-16	F3Y216N	UELFU205-100T	FY 1 WM	RF-16E
—	—	—	—	—	SF-16T
FB250-1	SBF205-16	—	—	—	VF-16
FB220-1	SAF205-16G	F3-W216U	—	FY 1 FM	VF-16E
—	—	—	—	FYW 1 FM	—
—	—	—	—	—	—
—	—	—	—	—	—
—	UCFC205-16	—	UCFC205-100	—	—
—	UCFB205-16	FB3-U216N	UCFH205-100T	—	FB-16
—	—	—	—	—	FB-16T
FB150-1	SBRFB205-16G	—	—	—	LF-16
—	SARFB205-16G	F-WG216U	—	—	LF-16E
—	—	—	—	—	—
—	—	—	—	—	—
FB-100-1	—	—	ASPF205-100	—	SSF-16
—	—	—	—	—	SSFF-24
—	—	—	AELPF205-100	F 1 FM	SSF-16E
—	—	—	—	—	SSFF-24E
—	—	—	—	—	TSSF-16
—	—	—	—	—	TSSF16-E
—	UCFL205-16	FX3-U216N	UCFL205-100T	FYT 1 TM	SFT-16
—	—	—	UCFLX05-100T	—	MSFT-16
—	NANFL205-16	FX3Y216N	UELFLU205-100T	FYT 1 WM	RFT-16E
—	—	—	—	—	SFT-16T, TFT-16T
FB260-1	SBFL205-16G	—	—	—	VFT-16
FB230-1	SAFL205-16G	FX3-W216U	—	FYT 1 FM	VFT-16E
—	—	—	—	—	VFT-16E
—	SBLF205-16G	—	—	—	—
—	SALF205-16G	—	—	—	—
—	—	—	ASFD205-100	—	—
—	—	—	JELFD205-100	—	—
—	—	—	—	—	—
—	—	—	—	—	—
FB110/160-1	SBLF205-16GH4	—	—	—	LFT-16
—	SALF205-16GH4	FX-WG216U	—	—	LFT-16E
FB100-1	—	—	ASPFL205-100	—	SSFT-16
—	—	—	JELPFL205-100	FT 1 FM	SSFT-16E
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	SRF-16
—	—	—	—	—	—

PEER Mounted Unit Interchange All Shown in 1" Sizes

	PEER	AMI	BROWNING	DODGE	FAFNIR
Rubber Cartridge Units	FHSBR205-16	—-	—-	—-	—-
	FHBR205-16	—-	—-	—-	RABR 1
	LCR-16	—-	—-	—-	—-
	LRCR-16	—-	—-	—-	LRCR 1
	RCR-16	—-	—-	—-	RCR 1
	RCSM-16S	—-	RUBRS 116	—-	—-
	RCSM-16L	—-	RUBRE 116	—-	RCSM 1
	LRCSM-16L	—-	—-	—-	LRCSM 1
	RCSM-16-UCR	—-	—	—-	—-
	RCSM-16-GRR	—-	—-	—-	—-
Take-Up Units	UCT205-16	UCST205-16	VTWS 216	WSTU-SC-100	YTU 1
	GRT205-16	—-	—-	WSTU-DLM-100	—-
Hanger Units	UCHA205-16	UCECH205-16	—	SCHB-SC-100	RHC 1
	GRHA205-16	—-	—-	—-	—-
Cylindrical Cartridge	UCC205-16	UCLC205-16	—	CYL-SC-100	RC 1
	GRC205-16	—-	—-	—-	—-
Insert Bearings	UC205-16	UC205-16	VS 216	INS-SC-100	GY1100KRRB
	UC205-16-TRL	—-	—-	—-	GY1100KPPB3
	UCX05-16	UCX05-16	VS 316	INS-SCM-100	GYM100KRRB
	HC205-16	UG205-16	VE 216	INS-SXR-100	G1100KRRB
	HC205-16-TRL	—-	—-	—-	G1100KPPB3
	HCR205-16	—-	—-	—-	G1100KRR
	GR205-16	—-	VB-216	INS-DL-100	—-
	GR205-16-ZSFF	—-	—-	—-	—-
	SER-16	SER205-16	VER 216	—-	ER-16
	SER-16-ZSFF	—-	—-	—-	—-
	SER-16-ZMKFF	—-	—-	—-	—-
	GER-16	—-	—-	—-	—-
	GER-16-ZSFF	—-	—-	—-	—-
	GER-16-ZMKFF	—-	—-	—-	—-
	FHS205-16	B5-16	LS 116	—-	YA100RRB
	FHS205-16G	B5-16	VS 116	INS-VSC-100	GYA100RRB
	FHSR205-16	BR5-16	SLS 116	INS-CC-100	YA100RR
	FH205-16	KH205-16	LE 116	INS-SLX-100	RA100RRB
	FH205-16G	KH205-16	VE 116	INS-SXV-100	GRA100RRB
	FHR205-16	KHR205-16	SLE 116	—-	RA100RR
	FHRL6005-16	—-	—-	—-	—-
	FHL6005-16	—-	—-	—-	RAL100NPPB
Corrosion Resistant All Stainless Steel	SSUCP205-16	MUCP205-16	—-	—-	—-
	SSUCPAS205-16	—-	—-	—-	—-
	SSUCF205-16	—-	—-	—-	—-
	SSUCFB205-16	—-	—-	—-	—-
	SSUCFT205-16	MUCFL205-16	—-	—-	—-
	SSUCHA205-16	—-	—-	—-	—-
	SSUCT205-16	—-	—-	—	—-
Stainless Insert Thermoplastic Housing	SUCP205-16-PBT	MUCPPL205-16	—-	P2B-SCEZ-100-PCR	YAS 1 PT
	SUCPAS205-16-PBT	MUCTBL205-16	—-	TB-SCEZ-100-CR	STB 1
	SUCF205-16-PBT	MUCFPL205-16	—-	F4B-SCEZ-100-PCR	YCJ 1 PT
	SUCFB205-16-PBT	MUCFBL205-16	—-	FB-SCEZ-100-CR	—-
	SUCFT205-16-PBT	MUNCFL205-16	—-	F2B-SCEZ-100-PCR	YCJT 1 PT
	SUCT205-16-PBT	MUCTPL205-16	—-	NSTU-SCEZ-100-CR	—-
	SUCHA205-16-PBT	MUCHPL205-16	—-	—-	—-
Zinc Insert Thermoplastic Housing	ZUCP205-16-PBT	UCPPL205-16-MZ	—-	P2B-SCTC-100-CR	YAS 1 NT
	ZUCPAS205-16-PBT	UCTBL205-16-MZ	—-	TB-100-SC	—-
	ZUCF205-16-PBT	UCFPL205-16-MZ	—-	F4A-SCTC-100-CR	YCJ 1 NT
	ZUCFB205-16-PBT	UCFBL205-16-MZ	—-	FB-SCEZ-100-NY	—-
	ZUCFT205-16-PBT	UNCFL205-16-MZ	—	F2B-SCTC-100-CR	YCJT 1 NT
	ZUCT205-16-PBT	UCTPL205-16-MZ	—-	NSTU-100-SCNP	—-
	ZUCHA205-16-PBT	UCHPL205-16-MZ	—-	—-	—-
Corrosion Resistant Inserts	UC205-16-BLK	—-	—-	—-	—-
	SUC205-16	MUC205-16MZ	—-	—-	—-
	ZUC205-16	UC205-16MZ	—-	—-	—-
	SSER205-16	MSER205-16	—-	—-	—-
	ZSER205-16	—-	—-	—-	—-

HUB CITY	IPTCI	LINK BELT	NTN	SKF	SEAL MASTER
—	—	—	—	—	—
—	—	—	—	G 1 FM	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	SRC-16
—	—	—	—	R 1 FM	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
WSTU250-1	UCT205-16	TH3-U200N	UCT205-100T	TBY 1 TM	SF-16
—	—	—	—	—	ST-16T
—	UCHA205-16	—	UCHB205-100T	—	SEHB-16
—	—	—	—	—	—
—	—	—	UELC205-100T	—	SC-16
—	—	—	—	—	—
YW250-1	UC/UCW205-16	UG216NL	UC205-100D1	YAR205-100	2-1
—	UC205-16L3	UG216E3	—	—	—
B350-1	UCX05-16	—	UCX05-100D1	YAR206-100	3-1
YW220-1	NA/NAW205-16	YG216NL	UEL205-100D1	YEL205-100	R-16E
—	NA205-16L3	YG216E3	YEL 205-100C	—	—
—	—	—	YET 205-100W	YEL205-100C	—
—	—	—	—	—	2-1T
—	—	—	—	—	2-1TLO, 2-1TXLO
—	ER205-16	—	VCS205-100DINR	—	ER-16
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	ER-16T
—	—	—	—	—	ERX-16TLO, ERX-16TXLO
—	—	—	—	—	—
B250-1	SB205-16N	S216EL	AS205-100	—	L-16
B250-1	BB205-16G	SG216EL	AS205-100D1	YAT205-100	V-16
—	CSB205-16N	—	ASS205-100N	—	SL-16
B220-1	SA205-16N	W216UL	AEL205-100	YET205-100W	L-16E
B220-1	SA205-16G	WG216UL	AEL205-100N	YET205-100	V-16E
—	CSA205-16N	WB216-UL	AELS205-100N	YET205-100CW	SL-16E
—	—	—	—	—	—
—	—	—	—	—	—
—	SUCSP205-16	—	—	—	—
—	SUCSPA205-16	—	—	—	—
—	SUCSF205-16	—	—	—	—
—	SUCSFB205-16	—	—	—	—
—	SUCSFL205-16	—	—	—	—
—	SUCSHA205-16	—	—	—	—
—	SUCST205-16	—	—	—	—
—	SUCTP205-16	—	—	SY 1 TR	BP-16
—	SUCTPA205-16	—	—	—	TBC-16
—	SUCTF205-16	—	—	FY 1 TR	BF-16
—	SUCTFB205-16	—	—	—	BFB-16
—	SUCTFL205-16	—	—	FYTB 1 TR	BFT-16
—	—	—	—	—	—
—	—	—	—	—	—
—	CUCTP205-16	—	—	—	NP-16-CR
—	CUCTPA205-16	—	—	—	—
—	CUCTF205-16	—	—	—	SF-16-CR
—	CUCTFB205-16	—	—	—	FB-16-CR
—	CUCTFL205-16	—	—	—	SFT-16-CR
—	—	—	—	—	—
—	—	—	—	—	—
—	BUC205-16	—	—	—	—
—	SUC205-16	—	—	—	—
—	CUC205-16	—	—	—	—
—	SSER205-16	—	—	—	—
—	—	—	—	—	—

Interchange Note: This Interchange is for comparison only. It is based on competitor catalog information available at the time of publication. Inspection and measurement of actual samples or manufacturer's drawings is required to determine if critical dimensions or features meet the user's requirements.

Notes

Our Commitment

Our commitment to the future of PEER is built on fulfilling your needs. Your satisfaction as a customer is the foundation of PEER and is supported by…

- First class customer service
- On-time scheduled delivery
- Continuous product innovation
- Production to customized specifications
- In-depth inventory
- Technical and engineering support
- In-house and independent test facilities

- Strong complimentary bearing & chain products
- QS9000 certified manufacturing plants
- Superior quality in features and appearance

Standard Mounted Units

Wash Down Units

Engineering