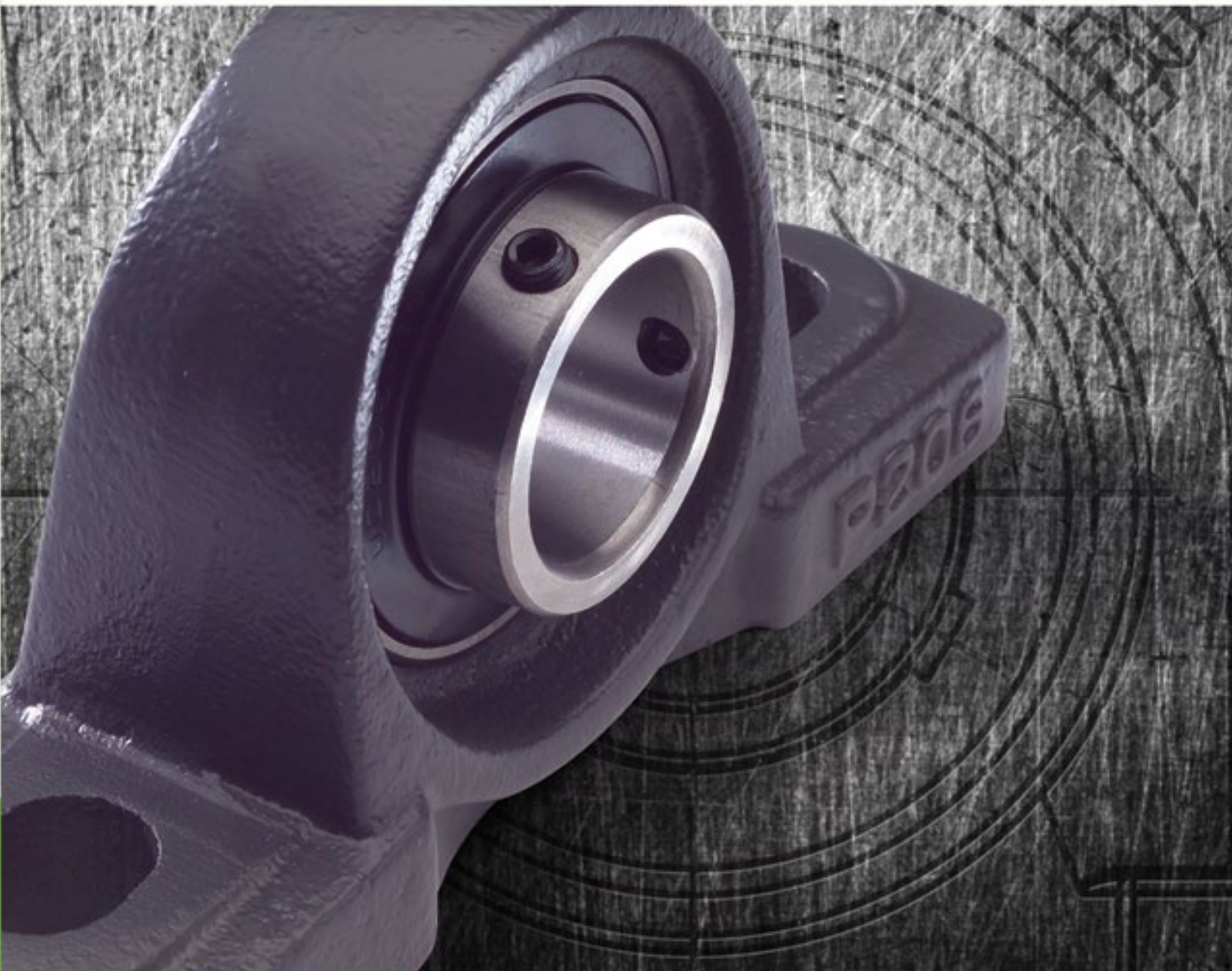


MOUNTED BEARINGS



TURNER[®]
WORTH MORE.

TRN-16

Mounted Ball Bearings Product Catalog

www.turnerbearings.com

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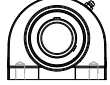

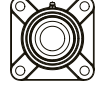








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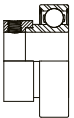



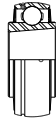
Not Recommended

Housings

							
	P Two-Bolt Pillow Block	AK Two-Bolt Pillow Block (Low Shaft Height)	TB Tapped Base Pillow Block	F Four-Bolt Flange Block	FS Four-Bolt Flange Block (High Height)	FT Two-Bolt Flange Block	FJT Two-Bolt Flange Block (High Height)
 UC 200 Normal-Duty Setscrew Lock pg. 42	UCP 200 pg. 8		UCTB 200 pg. 12	UCF 200 pg. 15		UCFT 200 pg. 19	
 UCX 00 Medium-Duty Setscrew Lock pg. 43	UCPX 00 pg. 9			UCFX 00 pg. 16			
 HC 200 Normal-Duty Eccentric Lock pg. 44		HCAK 200 pg. 11	HCTB 200 pg. 13		HCFS 200 pg. 18		HCFJT 200 pg. 21
 UE 200 Normal-Duty Tru-Loc pg. 45	UEP 200 pg. 10		UETB 200 pg. 14	UEF 200 pg. 17		UEFT 200 pg. 20	
 SA 200 Light-Duty Eccentric Lock pg. 46							
 SB 200 Light-Duty Setscrew Lock pg. 47							













Inserts*

*Also available: CSA 200 (pg. 46), CSB 200 (pg. 47), UER 200 (pg. 48); SER 200 (pg. 49); UK 200 (pg. 50)

	CSA 200 Light-Duty Eccentric Lock (Cylindrical O.D.) pg. 46		CSB 200 Light-Duty Setscrew Lock (Cylindrical O.D.) pg. 47		UER 200 Normal-Duty Snap Ring Tru-Loc (Cylindrical O.D.) pg. 48		SER 200 Normal-Duty Setscrew Lock (Cylindrical O.D.) pg. 49		UK 200 Normal-Duty Tapered Adaptive Sleeve pg. 50
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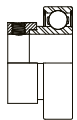

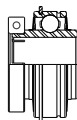

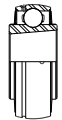
Made to Order Not Recommended

Housings

						
LF Light-Duty Two-Bolt Flange Block	FBS/FB Three-Bolt Flange Bracket	RFB Light-Duty Three-Bolt Flange Block	FCS/FC Four-Bolt Piloted Flange Cartridges	ST Take-up Unit	HA Hanger Unit	
	UCFBS 200 (inch based) pg. 24 UCFB 200 (metric based) pg. 26		UCFCS 200 (inch based) pg. 30 UCFC 200 (metric based) pg. 33	UCST 200 pg. 35	UCHA 200 pg. 38	 UC 200 Normal-Duty Setscrew Lock pg. 42
			UCFCSX 00 pg. 31			 UCX 00 Medium-Duty Setscrew Lock pg. 43
				HCST 200 pg. 36		 HC 200 Normal-Duty Eccentric Lock pg. 44
	UEFBS 200 (inch based) pg. 25 UEFB 200 (metric based) pg. 27		UEFCS 200 (inch based) pg. 32 UEFC 200 (metric based) pg. 34	UEST 200 pg. 37	UEHA 200 pg. 39	 UE 200 Normal-Duty Tru-Loc pg. 45
SALF 200 pg. 22		SARFB 200 pg. 28				 SA 200 Light-Duty Eccentric Lock pg. 46
SBLF 200 pg. 23		SBRFB 200 pg. 29				 SB 200 Light-Duty Setscrew Lock pg. 47

Inserts*

*Also available: CSA 200 (pg. 46), CSB 200 (pg. 47), UER 200 (pg. 48); SER 200 (pg. 49); UK 200 (pg. 50)

	CSA 200 Light-Duty Eccentric Lock (Cylindrical O.D.) pg. 46		CSB 200 Light-Duty Setscrew Lock (Cylindrical O.D.) pg. 47		UER 200 Normal-Duty Snap Ring Tru-Loc (Cylindrical O.D.) pg. 48		SER 200 Normal-Duty Setscrew Lock (Cylindrical O.D.) pg. 49		UK 200 Normal-Duty Tapered Adaptive Sleeve pg. 50
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Turner... Worth More.

Turner mounted ball bearing units have features that set them apart.
Turner . . . Worth More!

Solid Base

Turner mounted ball bearing units have a solid base, giving them added housing strength.

SAE 52100 Bearing Steel Inner and Outer Ring

Turner uses true bearing steel. Other manufacturers use cheaper steel on the inner ring.

Wide Inner Ring

Turner's wide inner ring reduces cocking and increases bearing life.

Steel Retainer

Turner's steel retainer provides increased thermal and fatigue resistance vs. the cheaper plastic retainers used by other manufacturers.

Anti-Rotation Device

Turner uses an anti-rotation device, which keeps the bearing from spinning in the housing while allowing it to self-align.

Seal with Flinger

Turner uses a seal with a flinger that spins with the inner ring. This serves as a labyrinth to keep contaminants out.

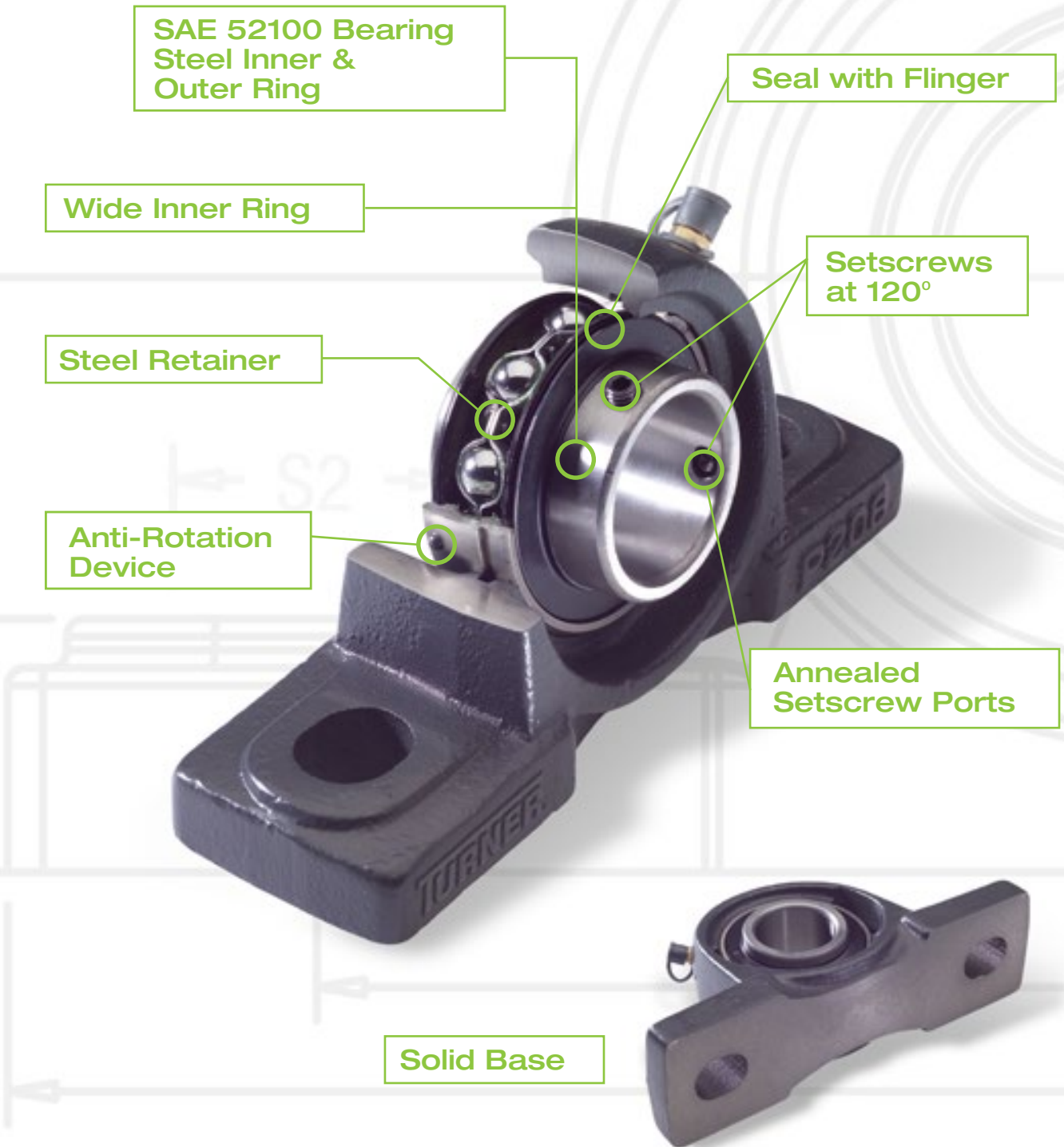
Setscrews at 120 degrees

Turner has setscrews at 120 degrees, which balance internal forces on the inner ring. This helps retain the roundness of the inner ring, increasing life.

Annealed Setscrew Ports

Turner anneals the setscrew ports, which eliminates cracking of the inner ring in this area and improves the thread grip.

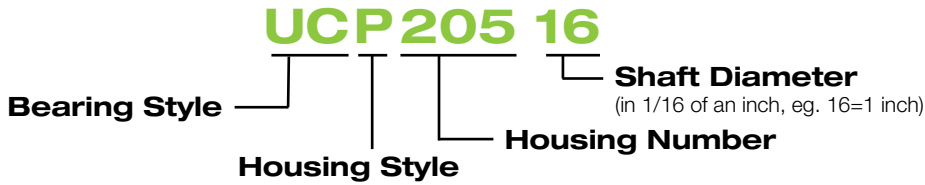
Features



Nomenclature

Turner part numbers contain useful information about bearing, housing, and shaft dimensions. See below for more information on the Turner part numbering system.

INCH DIMENSION



METRIC

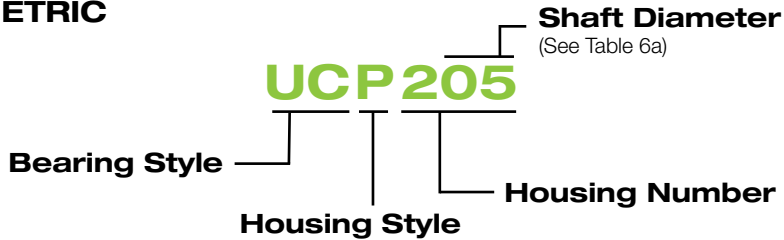
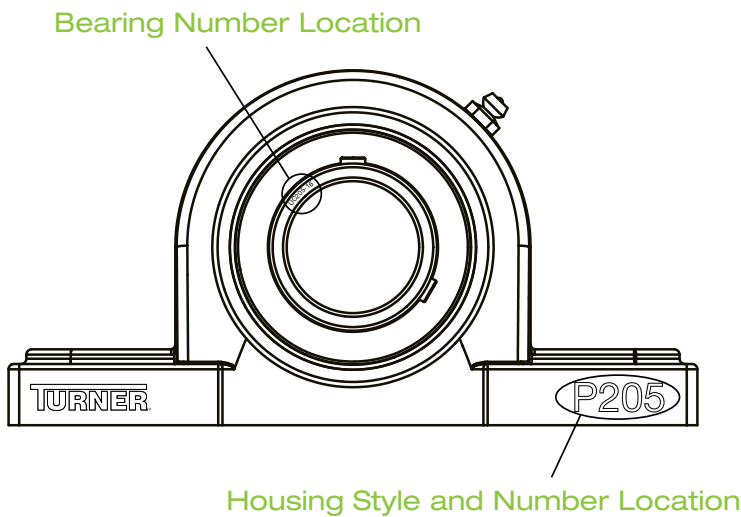


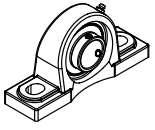
TABLE 6a
METRIC SHAFT
DIAMETER DESIGNATION

Shaft Diameter Designation	Shaft Size (mm)
01	12
02	15
03	17
04	20
05	25
06	30
07	35
08	40
09	45
10	50
11	55
12	60
13	65
14	70
15	75
16	80
17	85
18	90
19	95
20	100

ILLUSTRATION 6a LOCATION OF PART NUMBERS

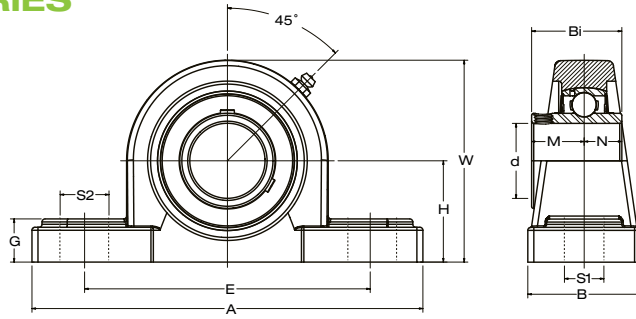


HOUSED UNITS

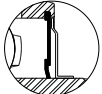


UCP 200 SERIES

Normal-Duty Pillow Block
Setscrew Lock



Available Seal Styles:



Standard



L3

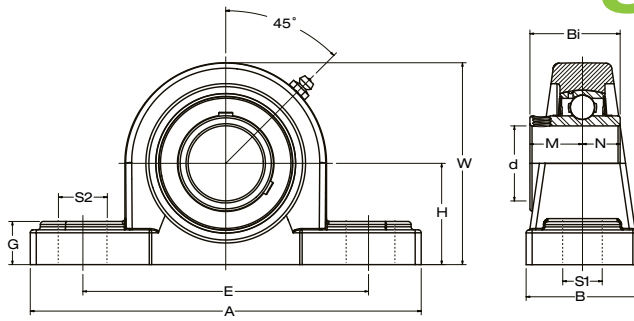
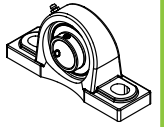
HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.											Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.		
		H	A	E	B	S2	S1	G	W	Bi	N	M		Dynamic C _r	Static C _{0r}					
UCWP 201	12																	UCW 201 UCW 201-8 UCW 202 UCW 202-10 UCW 203	WP 203	1.3 0.6
UCWP 201-8	1/2	1.188	4.92	3.75	1.26	0.71	0.43	0.55	2.24	1.0787	0.3937	0.6260	3/8	2,147	1,075					
UCWP 202	15	30.2	125.0	95.0	32.0	18.0	11.0	14.0	57.0	27.4	10.0	15.9	M10	9.55	4.78					
UCWP 202-10	5/8																			
UCWP 203	17																	UCW 203		
UCP 204-12	3/4	1.313	5.00	3.75	1.50	0.75	0.44	0.56	2.56	1.2205	0.5000	0.7205	3/8	2,883	1,496	UC 204-12 UC 204	P 204	1.5 0.7		
UCP 204	20	33.3	127.0	95.0	38.0	19.0	11.0	14.0	65.0	31.0	12.7	18.3	M10	12.82	6.65					
UCP 205-14	7/8																UC 205-14 UC 205-15 UC 205 UC 205-16	P 205	1.8 0.8	
UCP 205-15	15/16	1.438	5.50	4.13	1.50	0.75	0.44	0.59	2.81	1.3425	0.5630	0.7795	3/8	3,155	1,810					
UCP 205	25	36.5	140.0	105.0	38.0	19.0	11.0	15.0	71.0	34.1	14.3	19.8	M10	14.04	8.05					
UCP 205-16	1																			
UCP 206-17	1 1/16																UC 206-17 UC 206-18 UC 206 UC 206-19 UC 206-20	P 206	2.9 1.3	
UCP 206-18	1 1/8	1.688	6.31	4.75	1.68	0.79	0.56	0.63	3.31	1.5000	0.6260	0.8740	1/2	4,377	2,569					
UCP 206	30	42.9	160.0	121.0	42.0	20.0	14.0	16.0	84.0	38.1	15.9	22.2	M12	19.47	11.43					
UCP 206-19	1 3/16																			
UCP 206-20	1 1/4																UC 206-20			
UCP 207-20	1 1/4																UC 207-20 UC 207-21 UC 207-22 UC 207 UC 207-23	P 207	3.3 1.5	
UCP 207-21	1 5/16	1.875	6.56	4.96	1.88	0.79	0.59	0.68	3.68	1.6890	0.6890	1.0000	1/2	5,775	3,497					
UCP 207-22	1 3/8	47.6	167.0	126.0	48.0	20.0	15.0	17.0	93.0	42.9	17.5	25.4	M14	25.69	15.56					
UCP 207	35																			
UCP 207-23	1 7/16																UC 207-23			
UCP 208-24	1 1/2																UC 208-24 UC 208-25 UC 208	P 208	4.2 1.9	
UCP 208-25	1 9/16	1.938	7.25	5.44	2.13	0.81	0.59	0.71	3.88	1.9370	0.7480	1.1890	1/2	6,634	4,079					
UCP 208	40	49.2	184.0	137.0	54.0	21.0	15.0	18.0	98.0	49.2	19.0	30.2	M14	29.51	18.14					
UCP 209-26	1 5/8																			
UCP 209-27	1 11/16	2.125	7.50	5.75	2.13	0.79	0.59	0.79	4.18	1.9370	0.7480	1.1890	1/2	7,160	4,676	UC 209-26 UC 209-27 UC 209-28 UC 209	P 209	5.5 2.5		
UCP 209-28	1 3/4	54.0	190.0	146.0	54.0	20.0	15.0	20.0	106.0	49.2	19.0	30.2	M14	31.85	20.80					
UCP 209	45																			
UCP 210-30	1 7/8																			
UCP 210-31	1 15/16	2.250	8.13	6.25	2.38	0.91	0.71	0.83	4.50	2.0315	0.7480	1.2835	5/8	7,867	5,330	UC 210-30 UC 210-31 UC 210 UC 210-32	P 210	5.7 2.6		
UCP 210	50	57.2	206.0	159.0	60.0	23.0	18.0	21.0	114.0	51.6	19.0	32.6	M16	35.00	23.71					
UCP 210-32	2																			
UCP 211-32	2																			
UCP 211-34	2 1/8	2.500	8.69	6.75	2.38	0.91	0.71	0.91	4.94	2.1890	0.8740	1.3150	5/8	9,743	6,608	UC 211-32 UC 211-34 UC 211 UC 211-35	P 211	7.7 3.5		
UCP 211	55	63.5	220.0	172.0	60.0	23.0	18.0	23.0	125.0	55.6	22.2	33.4	M16	43.34	29.40					
UCP 211-35	2 3/16																			
UCP 212-36	2 1/4																			
UCP 212	60	2.750	9.50	7.31	2.75	0.91	0.71	0.98	5.38	2.5630	1.0000	1.5630	5/8	10,720	7,516	UC 212-36 UC 212 UC 212-38 UC 212-39	P 212	9.5 4.3		
UCP 212-38	2 3/8	69.9	241.0	186.0	70.0	23.0	18.0	25.0	137.0	65.1	25.4	39.7	M16	47.69	33.43					
UCP 212-39	2 7/16																			
UCP 213-40 †	2 1/2	3.000	11.25	8.00	3.25	1.61	0.81	1.25	5.94	2.5630	1.0000	1.5630	5/8	12,859	8,994				UC 213-40 UC 213	PX 12
UCP 213 †	65	76.2	286.0	203.0	83.0	41.0	20.0	32.0	151.0	65.1	25.4	39.7	M18	57.20	40.01					
UCP 214-43 †	2 11/16																UC 214-43 UC 214-44 UC 214	PX 13	14.3 6.5	
UCP 214-44 †	2 3/4	3.000	11.25	8.00	3.25	1.61	0.81	1.25	6.06	2.9370	1.1890	1.7480	5/8	13,981	9,869					
UCP 214 †	70	76.2	286.0	203.0	83.0	41.0	20.0	32.0	154.0	74.6	30.2	44.4	M18	62.19	43.90					
UCP 215-47	2 15/16																			
UCP 215	75	3.250	10.71	8.56	2.83	1.13	0.98	1.13	6.25	3.0630	1.3110	1.7520	7/8	14,974	10,757	UC 215-47 UC 215	P 215	15.6 7.1		
UCP 215-48	3	82.6	272.0	217.0	72.0	28.0	25.0	28.0	159.0	77.8	33.3	44.5	M20	66.61	47.85					

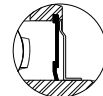
† See page 40

UCPX 00 SERIES

Medium-Duty Pillow Block Setscrew Lock



Available Seal Styles:

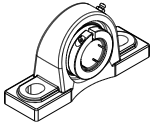


Standard



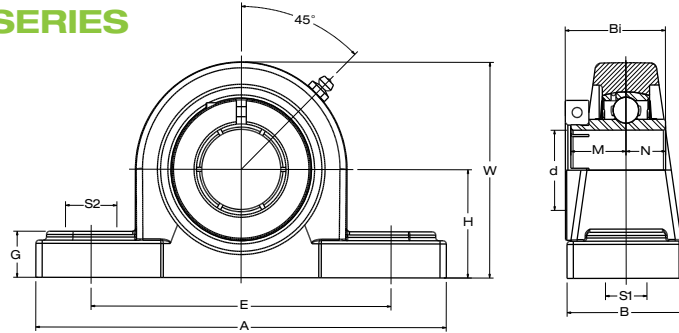
L3

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.											Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.		
		H	A	E	B	S2	S1	G	W	Bi	N	M		Dynamic Cr	Static Cor					
UCPX 05-14	7/8																	UCX 05-14	PX 05	3.1 1.4
UCPX 05-15	15/16	1.750	6.25	4.69	2.00	0.98	0.56	0.71	3.38	1.5000	0.6260	0.8740	1/2	4,377	2,569	UCX 05-15				
UCPX 05	25	44.5	159.0	119.0	51.0	25.0	14.2	18.0	85.0	38.1	15.9	22.2	M12	19.47	11.43	UCX 05				
UCPX 05-16	1																UCX 05-16			
UCPX 06-18	1 1/8																	UCX 06-18	PX 06	4.1 1.9
UCPX 06	30	1.875	6.89	5.00	2.25	0.98	0.56	0.79	3.69	1.6890	0.6890	1.0000	1/2	5,775	3,497	UCX 06				
UCPX 06-19	1 3/16	47.6	175.0	127.0	57.0	25.0	14.2	20.0	94.0	42.9	17.5	25.4	M12	25.69	15.56	UCX 06-19				
UCPX 06-20	1 1/4																UCX 06-20			
UCPX 07-22	1 3/8																	UCX 07-22	PX 07	5.3 2.4
UCPX 07	35	2.125	8.00	5.69	2.25	1.18	0.56	0.88	4.13	1.9370	0.7480	1.1890	1/2	6,634	4,079	UCX 07				
UCPX 07-23	1 7/16	54.0	203.0	144.0	57.0	30.0	14.2	22.0	105.0	49.2	19.0	30.2	M12	29.51	18.14	UCX 07-23				
UCPX 08-24	1 1/2	2.313	8.75	6.13	2.63	1.25	0.59	1.00	4.44	1.9370	0.7480	1.1890	1/2	7,160	4,676	UCX 08-24				
UCPX 08	40	58.7	222.0	156.0	67.0	32.0	15.0	26.0	113.0	49.2	19.0	30.2	M14	31.85	20.80	UCX 08	PX 08	6.6 3.0		
UCPX 09-26	1 5/8																	UCX 09-26	PX 09	7.3 3.3
UCPX 09-27	1 11/16	2.313	8.75	6.13	2.63	1.31	0.72	1.00	4.56	2.0315	0.7480	1.2835	5/8	7,867	5,330	UCX 09-27				
UCPX 09-28	1 3/4	58.7	222.0	156.0	67.0	33.0	18.3	26.0	116.0	51.6	19.0	32.6	M16	35.00	23.71	UCX 09-28				
UCPX 09	45																UCX 09			
UCPX 10-30	1 7/8																	UCX 10-30	PX 10	9.0 4.1
UCPX 10-31	1 15/16	2.500	9.50	6.75	2.88	1.44	0.72	1.06	4.94	2.1890	0.8740	1.3150	5/8	9,743	6,608	UCX 10-31				
UCPX 10	50	63.5	241.0	171.0	73.0	36.0	18.3	27.0	126.0	55.6	22.2	33.4	M16	43.34	29.40	UCX 10				
UCPX 10-32	2																UCX 10-32			
UCPX 11-34	2 1/8																	UCX 11-34	PX 11	12.8 5.8
UCPX 11	55	2.750	10.25	7.25	3.13	1.44	0.78	1.19	5.50	2.5630	1.0000	1.5630	5/8	10,720	7,516	UCX 11				
UCPX 11-35	2 3/16	69.9	260.0	184.0	79.0	36.0	19.8	30.0	139.0	65.1	25.4	39.7	M18	47.69	33.43	UCX 11-35				
UCPX 11-36	2 1/4																UCX 11-36			
UCPX 12	60																	UCX 12	PX 12	14.8 6.7
UCPX 12-38	2 3/8	3.000	11.25	8.00	3.25	1.63	0.81	1.25	5.94	2.5630	1.0000	1.5630	5/8	12,859	8,994	UCX 12-38				
UCPX 12-39	2 7/16	76.2	286.0	203.0	83.0	41.0	20.4	32.0	151.0	65.1	25.4	39.7	M18	57.20	40.01	UCX 12-39				
UCPX 13-40	2 1/2	3.000	11.25	8.00	3.25	1.63	0.81	1.25	6.06	2.9370	1.1890	1.7480	5/8	13,981	9,869	UCX 13-40				
UCPX 13	65	76.2	286.0	203.0	83.0	41.0	20.4	32.0	154.0	74.6	30.2	44.4	M18	62.19	43.90	UCX 13	PX 13	15.9 7.2		
UCPX 14-43	2 11/16																	UCX 14-43	PX 14	20.9 9.5
UCPX 14	70	3.500	13.00	9.00	3.50	2.00	1.06	1.38	6.75	3.0630	1.3110	1.7520	7/8	14,974	10,757	UCX 14				
UCPX 15-47	2 15/16	3.500	13.00	9.00	3.50	2.00	1.06	1.38	7.00	3.2520	1.3110	1.9409	7/8	16,325	11,992	UCX 15-47				
UCPX 15	75	88.9	330.0	229.0	89.0	51.0	27.0	35.0	177.0	82.6	33.3	49.3	M22	72.62	53.35	UCX 15				
UCPX 15-48	3																	UCX 15-48		
UCPX 17	85																	UCX 17	PX 17	33.9 15.4
UCPX 17-55	3 7/16	4.000	15.00	11.13	4.00	2.31	1.06	1.65	7.94	3.3740	1.3425	2.0315	7/8	21,546	16,329	UCX 17-55				
UCPX 17-56	3 1/2	101.6	381.0	283.0	102.0	59.0	27.0	42.0	202.0	85.7	34.1	51.6	M22	95.84	72.64	UCX 17-56				
UCPX 20	100																	UCX 20		
UCPX 20-63	3 15/16	5.000	17.00	13.25	4.00	2.00	1.13	1.81	9.88	3.7795	1.5630	2.2165	1	29,339	23,141	UCX 20-63	PX 20	66.2 30.1		
UCPX 20-64	4	127.0	432.0	337.0	102.0	51.0	29.0	46.0	250.0	96.0	39.7	56.3	M24	130.51	102.94	UCX 20-64				

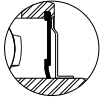


UEP 200 SERIES

Normal-Duty Pillow Block
Tru-Loc



Available Seal Styles:



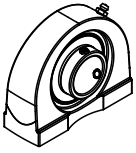
Standard



L3

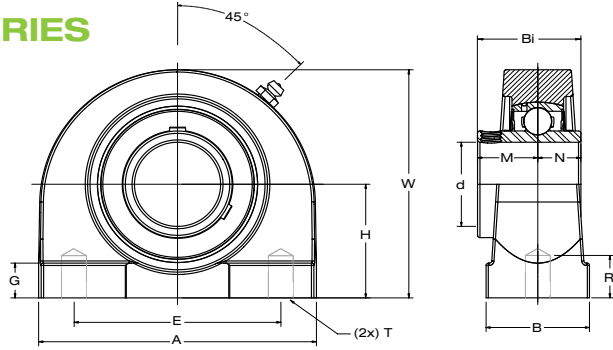
HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.											Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		H	A	E	B	S2	S1	G	W	Bi	N	M		Dynamic C _r	Static C _{0r}			
UEP 204-12 UEP 204	3/4 20	1.313 33.3	5.00 127.0	3.75 95.0	1.50 38.0	0.75 19.0	0.44 11.0	0.56 14.0	2.56 65.0	1.2992 33.0	0.5000 12.7	0.7205 18.3	3/8 M10	2,883 12.82	1,496 6.65	UE 204-12 UE 204	P 204	1.5 0.7
UEP 205-14 UEP 205-15 UEP 205 UEP 205-16	7/8 15/16 25 1	1.438 36.5	5.50 140.0	4.13 105.0	1.50 38.0	0.75 19.0	0.44 11.0	0.59 15.0	2.81 71.0	1.3937 35.4	0.5630 14.3	0.7795 19.8	3/8 M10	3,155 14.04	1,810 8.05	UE 205-14 UE 205-15 UE 205 UE 205-16	P 205	1.8 0.8
UEP 206-17 UEP 206-18 UEP 206 UEP 206-19 UEP 206-20	1 1/16 1 1/8 30 1 3/16 1 1/4	1.688 42.9	6.31 160.0	4.75 121.0	1.68 42.0	0.79 20.0	0.56 14.0	0.63 16.0	3.31 84.0	1.5669 39.8	0.6260 15.9	0.8740 22.2	1/2 M12	4,377 19.47	2,569 11.43	UE 206-17 UE 206-18 UE 206 UE 206-19 UE 206-20	P 206	2.9 1.3
UEP 207-20 UEP 207-21 UEP 207-22 UEP 207 UEP 207-23	1 1/4 1 5/16 1 3/8 35 1 7/16	1.875 47.6	6.56 167.0	4.96 126.0	1.88 48.0	0.79 20.0	0.59 15.0	0.68 17.0	3.68 93.0	1.7283 43.9	0.6890 17.5	1.0000 25.4	1/2 M14	5,775 25.69	3,497 15.56	UE 207-20 UE 207-21 UE 207-22 UE 207 UE 207-23	P 207	3.3 1.5
UEP 208-24 UEP 208-25 UEP 208	1 1/2 1 9/16 40	1.938 49.2	7.25 184.0	5.44 137.0	2.13 54.0	0.81 21.0	0.59 15.0	0.71 18.0	3.88 98.0	1.9764 50.2	0.7480 19.0	1.1890 30.2	1/2 M14	6,634 29.51	4,079 18.14	UE 208-24 UE 208-25 UE 208	P 208	4.2 1.9
UEP 209-26 UEP 209-27 UEP 209-28 UEP 209	1 5/8 1 11/16 1 3/4 45	2.125 54.0	7.50 190.0	5.75 146.0	2.13 54.0	0.79 20.0	0.59 15.0	0.79 20.0	4.18 106.0	1.9764 50.2	0.7480 19.0	1.1890 30.2	1/2 M14	7,160 31.85	4,676 20.80	UE 209-26 UE 209-27 UE 209-28 UE 209	P 209	5.5 2.5
UEP 210-30 UEP 210-31 UEP 210 UEP 210-32	1 7/8 1 15/16 50 2	2.250 57.2	8.13 206.0	6.25 159.0	2.38 60.0	0.91 23.0	0.71 18.0	0.83 21.0	4.50 114.0	2.0709 52.6	0.7480 19.0	1.2835 32.6	5/8 M16	7,867 35.00	5,330 23.71	UE 210-30 UE 210-31 UE 210 UE 210-32	P 210	5.7 2.6
UEP 211-32 UEP 211-34 UEP 211 UEP 211-35	2 2 1/8 55 2 3/16	2.500 63.5	8.69 220.0	6.75 172.0	2.38 60.0	0.91 23.0	0.71 18.0	0.91 23.0	4.94 125.0	2.2283 56.6	0.8740 22.2	1.3150 33.4	5/8 M16	9,743 43.34	6,608 29.40	UE 211-32 UE 211-34 UE 211 UE 211-35	P 211	7.7 3.5
UEP 212-36 UEP 212 UEP 212-38 UEP 212-39	2 1/4 60 2 3/8 2 7/16	2.750 69.9	9.50 241.0	7.31 186.0	2.75 70.0	0.91 23.0	0.71 18.0	0.98 25.0	5.38 137.0	2.6220 66.6	1.0000 25.4	1.5630 39.7	5/8 M16	10,720 47.69	7,516 33.43	UE 212-36 UE 212 UE 212-38 UE 212-39	P 212	9.5 4.5

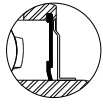


UCTB 200 SERIES

Normal-Duty Tapped Base Pillow Block
Setscrew Lock



Available Seal Styles:



Standard



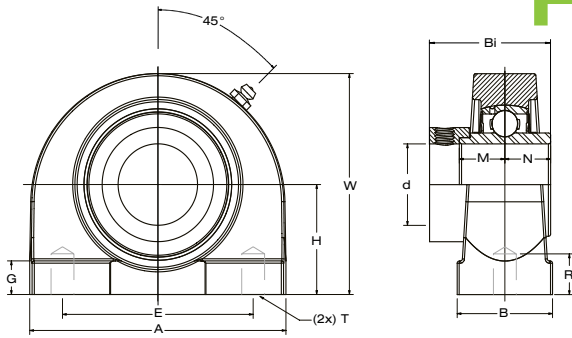
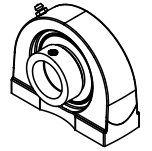
L3

HOUSED UNITS

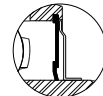
Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.										Bolt Used (T) in.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.		
		H	A	E	B	R	G	W	Bi	N	M		Dynamic C _r	Static C _{0r}					
UCTB 201	12																		
UCTB 201-8	1/2																		
UCTB 202	15																		
UCTB 202-10	5/8	1.313	2.88	2.00	1.50	0.50	0.44	2.56	1.2205	0.5000	0.7205	3/8-16	2,883	1,496					
UCTB 203	17	33.3	73.0	50.8	38.0	13.0	11.0	65.0	31.0	12.7	18.3		12.82	6.65			TB 204	1.3	
UCTB 204-12	3/4																		
UCTB 204	20																		
UCTB 205-14	7/8																		
UCTB 205-15	15/16	1.438	3.00	2.00	1.50	0.50	0.47	2.80	1.3425	0.5630	0.7795	3/8-16	3,155	1,810					
UCTB 205	25	36.5	76.0	50.8	38.0	13.0	12.0	71.0	34.1	14.3	19.8		14.04	8.05			TB 205	1.5	
UCTB 205-16	1																		
UCTB 206-17	1 1/16																		
UCTB 206-18	1 1/8																		
UCTB 206	30	1.688	4.00	3.00	1.50	0.63	0.47	3.38	1.5000	0.6260	0.8740	7/16-14	4,377	2,569					
UCTB 206-19	1 3/16	42.9	102.0	76.2	38.0	16.0	12.0	86.0	38.1	15.9	22.2		19.47	11.43			TB 206	2.9	
UCTB 206-20	1 1/4																		
UCTB 207-20	1 1/4																		
UCTB 207-21	1 5/16																		
UCTB 207-22	1 3/8	1.875	4.25	3.25	1.88	0.75	0.50	3.75	1.6890	0.6890	1.0000	1/2-13	5,775	3,497					
UCTB 207	35	47.6	108.0	82.6	48.0	19.0	13.0	95.0	42.9	17.5	25.4		25.69	15.56			TB 207	4.0	
UCTB 207-23	1 7/16																		
UCTB 208-24	1 1/2																		
UCTB 208-25	1 9/16	1.938	4.63	3.50	1.88	0.75	0.50	3.94	1.9370	0.7480	1.1890	1/2-13	6,634	4,079					
UCTB 208	40	49.2	117.0	88.9	48.0	19.0	13.0	100.0	49.2	19.0	30.2		29.51	18.14			TB 208	5.0	
UCTB 208-26	1 5/8																		
UCTB 209-27	1 11/16																		
UCTB 209-28	1 3/4	2.125	5.00	3.75	2.00	0.79	0.56	4.25	1.9370	0.7480	1.1890	1/2-13	7,160	4,676					
UCTB 209	45	54.0	127.0	95.3	51.0	20.0	14.0	108.0	49.2	19.0	30.2		31.85	20.80			TB 209	5.5	
UCTB 210-30	1 7/8																		
UCTB 210-31	1 15/16																		
UCTB 210	50	2.250	5.50	4.00	2.00	0.88	0.56	4.67	2.0315	0.7480	1.2835	5/8-11	7,867	5,330					
UCTB 210-32	2	57.2	140.0	101.6	51.0	22.0	14.0	117.0	51.6	19.0	32.6		35.00	23.71			TB 210	6.8	
UCTB 211-32	2																		
UCTB 211-34	2 1/8																		
UCTB 211	55	2.250	5.50	4.00	2.00	0.88	0.56	4.67	2.1890	0.8740	1.3150	5/8-11	9,743	6,608					
UCTB 211-35	2 3/16	57.2	140.0	101.6	51.0	22.0	14.0	117.0	55.6	22.2	33.4		43.34	29.40			TB 211	6.8	

HCTB 200 SERIES

Normal-Duty Tapped Base Pillow Block
Eccentric Lock



Available Seal Styles:

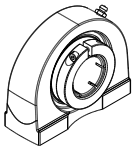


Standard



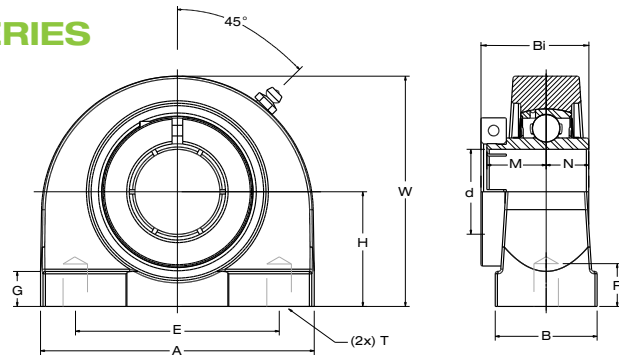
L3

Bearing Number	Shaft Dia.	Dimensions in.										Bolt Used (T)	Load Rating		Bearing Insert	Housing Number	Wt.	
	d in. mm.	H	A	E	B	R	G	W	Bi	N	M		lbs. kN.	Static Cor				lbs. kg.
HCTB 201	12												3/8-16	2,883 12.82	1,496 6.65	HC 201	TB 204	1.5 0.7
HCTB 201-8	1/2																	
HCTB 202	15																	
HCTB 202-10	5/8	1.313	2.88	2.00	1.50	0.50	0.44	2.56	1.7205	0.6732	0.6732							
HCTB 203	17	33.3	73.0	50.8	38.0	13.0	11.0	65.0	43.7	17.1	17.1							
HCTB 204	20																	
HCTB 204-12	3/4											3/8-16	3,155 14.04	1,810 8.05	HC 205-14	TB 205	1.8 0.8	
HCTB 205-14	7/8																	
HCTB 205-15	15/16	1.438	3.00	2.00	1.50	0.50	0.47	2.80	1.7480	0.6890	0.6850							
HCTB 205	25	36.5	76.0	50.8	38.0	13.0	12.0	71.0	44.4	17.5	17.4							
HCTB 205-16	1											7/16-14	4,377 19.47	2,569 11.43	HC 206-17	TB 206	2.9 1.3	
HCTB 206-17	1 1/16																	
HCTB 206-18	1 1/8																	
HCTB 206	30	1.688	4.00	3.00	1.50	0.63	0.47	3.38	1.9055	0.7205	0.7165							
HCTB 206-19	1 3/16	42.9	102.0	76.2	38.0	16.0	12.0	86.0	48.4	18.3	18.2							
HCTB 206-20	1 1/4																	
HCTB 207-20	1 1/4											1/2-13	5,775 25.69	3,497 15.56	HC 207-20	TB 207	4.2 1.9	
HCTB 207-21	1 5/16																	
HCTB 207-22	1 3/8	1.875	4.25	3.25	1.88	0.75	0.50	3.75	2.0118	0.7402	0.7402							
HCTB 207	35	47.6	108.0	82.6	48.0	19.0	13.0	95.0	51.1	18.8	18.8							
HCTB 207-23	1 7/16																	
HCTB 208-24	1 1/2											1/2-13	6,634 29.51	4,079 18.14	HC 208-24	TB 208	5.3 2.4	
HCTB 208-25	1 9/16	1.938	4.63	3.50	1.88	0.75	0.50	3.94	2.2165	0.8425	0.8425							
HCTB 208	40	49.2	117.0	88.9	48.0	19.0	13.0	100.0	56.3	21.4	21.4							
HCTB 209-26	1 5/8											1/2-13	7,160 31.85	4,676 20.80	HC 9-26	TB 209	5.7 2.6	
HCTB 209-27	1 11/16																	
HCTB 209-28	1 3/4	2.125	5.00	3.75	2.00	0.79	0.56	4.25	2.2165	0.8425	0.8425							
HCTB 209	45	54.0	127.0	95.3	51.0	20.0	14.0	108.0	56.3	21.4	21.4							
HCTB 210-30	1 7/8											5/8-11	7,867 35.00	5,330 23.71	HC 210-30	TB 210	7.5 3.4	
HCTB 210-31	1 15/16																	
HCTB 210	50	2.250	5.50	4.00	2.00	0.88	0.56	4.63	2.4685	0.9685	0.9685							
HCTB 210-32	2	57.2	140.0	101.6	51.0	22.0	14.0	117.0	62.7	24.6	24.6							
HCTB 211-32	2											5/8-11	9,743 43.34	6,608 29.40	HC 211-32	TB 211	7.5 3.4	
HCTB 211-34	2 1/8																	
HCTB 211	55	2.250	5.50	4.00	2.00	0.88	0.56	4.63	2.8110	1.0906	1.0945							
HCTB 211-35	2 3/16	57.2	140.0	101.6	51.0	22.0	14.0	117.0	71.4	27.7	27.8							

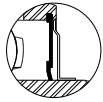


UETB 200 SERIES

Normal-Duty Tapped Base Pillow Block
Tru-Loc



Available Seal Styles:



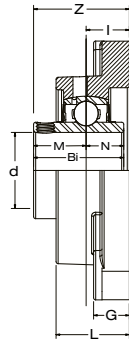
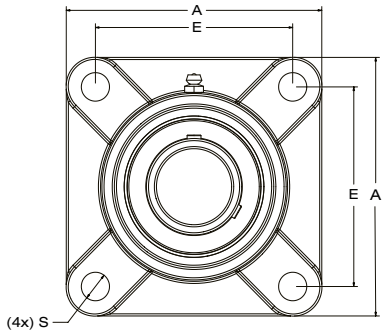
Standard



L3

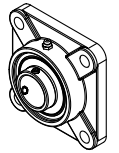
HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.										Bolt Used (T) in.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.	
		H	A	E	B	R	G	W	Bi	N	M		Dynamic C _r	Static C _{0r}				
UETB 204-12	3/4	1.313	2.88	2.00	1.50	0.50	0.44	2.56	1.2992	0.5000	0.7205	3/8-16	2,883	1,496	UE 204	TB 204	1.3	
UETB 204	20	33.3	73.0	50.8	38.0	13.0	11.0	65.0	33.0	12.7	18.3				12.82			6.65
UETB 205-14	7/8	1.438	3.00	2.00	1.50	0.50	0.47	2.80	1.3947	0.5630	0.7795	3/8-16	3,155	1,810	UE 205-14	TB 205	1.5	
UETB 205-15	15/16														UE 205-15			0.7
UETB 205	25														UE 205			
UETB 205-16	1														UE 205-16			
UETB 206-17	1 1/16	1.688	4.00	3.00	1.50	0.63	0.47	3.38	1.5669	0.6260	0.8740	7/16-14	4,377	2,569	UE 206-17	TB 206	2.9	
UETB 206-18	1 1/8														UE 206-18			1.3
UETB 206	30														UE 206			
UETB 206-19	1 3/16														UE 206-19			
UETB 206-20	1 1/4														UE 206-20			
UETB 207-20	1 1/4	1.875	4.25	3.25	1.88	0.75	0.50	3.75	1.7283	0.6890	1.0000	1/2-13	5,775	3,497	UE 207-20	TB 207	4.0	
UETB 207-21	1 5/16														UE 207-21			1.8
UETB 207-22	1 3/8														UE 207-22			
UETB 207	35														UE 207			
UETB 207-23	1 7/16														UE 207-23			
UETB 208-24	1 1/2	1.938	4.63	3.50	1.88	0.75	0.50	3.94	1.9764	0.7480	1.1890	1/2-13	6,634	4,079	UE 208-24	TB 208	5.1	
UETB 208-25	1 9/16														UE 208-25			2.3
UETB 208	40														UE 208			
UETB 209-26	1 5/8	2.125	5.00	3.75	2.00	0.79	0.56	4.25	1.9764	0.7480	1.1890	1/2-13	7,160	4,676	UE 209-26	TB 209	5.5	
UETB 209-27	1 11/16														UE 209-27			2.5
UETB 209-28	1 3/4														UE 209-28			
UETB 209	45														UE 209			
UETB 210-30	1 7/8	2.250	5.50	4.00	2.00	0.88	0.56	4.63	2.0709	0.7480	1.2835	5/8-11	7,867	5,330	UE 210-30	TB 210	6.8	
UETB 210-31	1 15/16														UE 210-31			3.1
UETB 210	50														UE 210			
UETB 210-32	2														UE 210-32			
UETB 211-32	2	2.250	5.50	4.00	2.00	0.88	0.56	4.63	2.2283	0.8740	1.3150	5/8-11	9,743	6,608	UE 211-32	TB 211	6.8	
UETB 211-34	2 1/8														UE 211-34			3.1
UETB 211	55														UE 211			
UETB 211-35	2 3/16														UE 211-36			

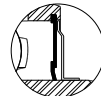


UCF 200 SERIES

Normal-Duty 4-Bolt Flange Block
Setscrew Lock



Available Seal Styles:



Standard



L3

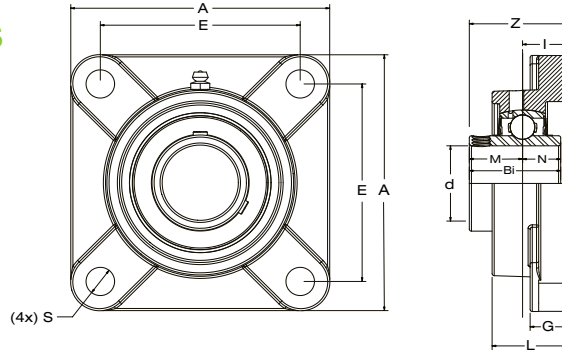
Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.										Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.	
		A	E	I	G	L	S	Z	Bi	N	M		Dynamic Cr	Static Cor				
UCWF 201	12																WF 203	1.3 0.6
UCWF 201-8	1/2	3.00	2.13	0.59	0.44	1.00	0.44	1.22	1.0787	0.3937	0.6260	3/8	2,147	1,075	UCW 201-8			
UCWF 202	15	76.0	54.0	15.0	11.0	25.5	11.0	30.9	27.4	10.0	15.9	M10	9.55	4.78	UCW 202			
UCWF 202-10	5/8														UCW 202-10			
UCWF 203	17															UCW 203	F 204	1.8 0.8
UCF 204-12	3/4	3.38	2.50	0.59	0.47	1.00	0.44	1.31	1.2205	0.5000	0.7205	3/8	2,883	1,496	UC 204-12			
UCF 204	20	86.0	63.5	15.0	12.0	25.5	11.0	33.3	31.0	12.7	18.3	M10	12.82	6.65	UC 204			
UCF 205-14	7/8															UC 205-14		
UCF 205-15	15/16	3.75	2.75	0.63	0.56	1.06	0.47	1.41	1.3425	0.5630	0.7795	7/16	3,155	1,810	UC 205-15	F 205	2.4 1.1	
UCF 205	25	95.0	69.9	16.0	14.0	27.0	12.0	35.8	34.1	14.3	19.8	M10	14.04	8.05	UC 205			
UCF 205-16	1																	UC 205-16
UCF 206-17	1 1/16																	UC 206-17
UCF 206-18	1 1/8	4.25	3.25	0.71	0.56	1.22	0.47	1.56	1.5000	0.6260	0.8740	7/16	4,377	2,569	UC 206-18	F 206	3.1 1.4	
UCF 206	30	108.0	82.6	18.0	14.0	31.0	12.0	40.2	38.1	15.9	22.2	M10	19.47	11.43	UC 206			
UCF 206-19	1 3/16																	UC 206-19
UCF 206-20	1 1/4																	UC 206-20
UCF 207-20	1 1/4															UC 207-20	F 207	4.6 2.1
UCF 207-21	1 5/16	4.61	3.63	0.75	0.63	1.34	0.55	1.75	1.6890	0.6890	1.0000	1/2	5,775	3,497	UC 207-21			
UCF 207-22	1 3/8	117.0	92.1	19.0	16.0	34.0	14.0	44.4	42.9	17.5	25.4	M12	25.69	15.56	UC 207-22			
UCF 207	35															UC 207		
UCF 207-23	1 7/16															UC 207-23	F 208	5.5 2.5
UCF 208-24	1 1/2	5.13	4.00	0.82	0.63	1.44	0.55	2.00	1.9370	0.7480	1.1890	1/2	6,634	4,079	UC 208-24			
UCF 208-25	1 9/16	130.0	101.6	21.0	16.0	36.0	14.0	51.2	49.2	19.0	30.2	M12	29.51	18.14	UC 208-25			
UCF 208	40															UC 208		
UCF 209-26	1 5/8															UC 209-26	F 209	6.8 3.1
UCF 209-27	1 11/16	5.38	4.13	0.88	0.71	1.50	0.63	2.06	1.9370	0.7480	1.1890	9/16	7,160	4,676	UC 209-27			
UCF 209-28	1 3/4	137.0	104.8	22.0	18.0	38.0	16.0	52.2	49.2	19.0	30.2	M14	31.85	20.80	UC 209-28			
UCF 209	45															UC 209		
UCF 210-30	1 7/8															UC 210-30	F 210	7.5 3.4
UCF 210-31	1 15/16	5.63	4.38	0.88	0.71	1.56	0.63	2.13	2.0315	0.7480	1.2835	9/16	7,867	5,330	UC 210-31			
UCF 210	50	143.0	111.1	22.0	18.0	40.0	16.0	54.6	51.6	19.0	32.6	M14	35.00	23.71	UC 210			
UCF 210-32	2															UC 210-32		
UCF 211-32	2															UC 211-32	F 211	10.1 4.6
UCF 211-34	2 1/8	6.38	5.13	0.98	0.79	1.69	0.69	2.31	2.1890	0.8740	1.3150	5/8	9,743	6,608	UC 211-34			
UCF 211	55	162.0	130.2	25.0	20.0	43.0	17.0	58.4	55.6	22.2	33.4	M16	43.34	29.40	UC 211			
UCF 211-35	2 3/16															UC 211-35		
UCF 212-36	2 1/4															UC 212-36	F 212	12.5 5.7
UCF 212	60	6.88	5.63	1.13	0.79	1.88	0.69	2.69	2.5630	1.0000	1.5630	5/8	10,720	7,516	UC 212			
UCF 212-38	2 3/8	175.0	142.9	29.0	20.0	48.0	17.0	68.7	65.1	25.4	39.7	M16	47.69	33.43	UC 212-38			
UCF 212-39	2 7/16															UC 212-39		
UCF 213-40	2 1/2	7.38	5.88	1.18	0.88	1.97	0.69	2.75	2.5630	1.0000	1.5630	5/8	12,859	8,994	UC 213-40	F 213	15.6 7.1	
UCF 213	65	187.0	149.2	30.0	22.0	50.0	17.0	69.7	65.1	25.4	39.7	M16	57.20	40.01	UC 213			
UCF 214-43	2 11/16																	UC 214-43
UCF 214-44	2 3/4	7.63	6.00	1.22	0.88	2.13	0.79	2.96	2.9370	1.1890	1.7480	3/4	13,981	9,869	UC 214-44			
UCF 214	70	193.0	152.4	31.0	22.0	54.0	20.0	75.4	74.6	30.2	44.4	M18	62.19	43.90	UC 214	F 215	16.7 7.6	
UCF 215-47	2 15/16	7.88	6.25*	1.34	0.88	2.21	0.79	3.09	3.0630	1.3110	1.7520	3/4	14,974	10,757	UC 215-47			
UCF 215	75	200.0	158.8	34.0	22.0	56.0	20.0	78.5	77.8	33.3	44.5	M18	66.61	47.85	UC 215			
UCF 215-48	3																	UC 215-48

*Also available with 6.000" Bolt Spacing. Use FX14 housing with appropriate UC 215 bearing insert.

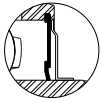


UCFX 00 SERIES

Medium-Duty 4-Bolt Flange Block
Setscrew Lock



Available Seal Styles:



Standard

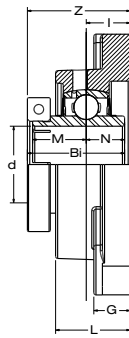
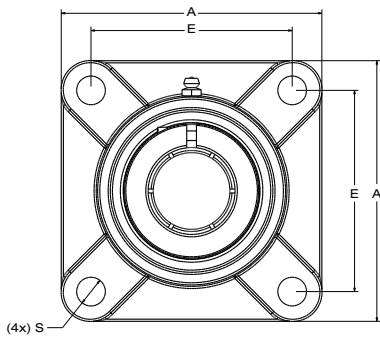


L3

HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.										Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		A	E	I	G	L	S	Z	Bi	N	M		Dynamic C _r	Static C _{0r}			
UCFX 05-14 †	7/8	4.25	3.250	0.71	0.56	1.22	0.47	1.56	1.5000	0.6260	0.8740	7/16	4,377	2,569	UCX 05-14	F 206	3.1
UCFX 05-15 †	15/16														UCX 05-15		
UCFX 05 †	25														UCX 05		
UCFX 05-16 †	1	108.0	82.6	18.0	14.0	31.0	12.0	40.2	38.1	15.9	22.2	M10	19.47	11.43	UCX 05-16		1.4
UCFX 06-18 †	1 1/8	4.63	3.625	0.75	0.63	1.34	0.56	1.75	1.6890	0.6890	1.0000	1/2	5,775	3,497	UCX 06-18	F 207	4.4
UCFX 06 †	30														UCX 06		
UCFX 06-19 †	1 3/16														UCX 06-19		
UCFX 06-20 †	1 1/4														UCX 06-20		
UCFX 07-22 †	1 3/8	5.13	4.000	0.83	0.63	1.44	0.56	2.00	1.9370	0.7480	1.1890	1/2	6,634	4,079	UCX 07-22	F 208	5.7
UCFX 07 †	35														UCX 07		
UCFX 07-23 †	1 7/16														UCX 07-23		
UCFX 08-24 †	1 1/2	5.38	4.125	0.88	0.71	1.50	0.63	2.06	1.9370	0.7480	1.1890	9/16	7,160	4,676	UCX 08-24	F 209	6.8
UCFX 08 †	40														UCX 08		
UCFX 09-26 †	1 5/8	5.63	4.375	0.88	0.71	1.56	0.63	2.13	2.0315	0.7480	1.2835	9/16	7,867	5,330	UCX 09-26	F 210	7.7
UCFX 09-27 †	1 11/16														UCX 09-27		
UCFX 09-28 †	1 3/4														UCX 09-28		
UCFX 09 †	45														UCX 09		
UCFX 10-30 †	1 7/8	6.38	5.125	0.98	0.78	1.69	0.69	2.31	2.1890	0.8740	1.3150	5/8	9,743	6,608	UCX 10-30	F 211	10.3
UCFX 10-31 †	1 15/16														UCX 10-31		
UCFX 10 †	50														UCX 10		
UCFX 10-32 †	2														UCX 10-32		
UCFX 11-34 †	2 1/8	6.89	5.625	1.13	0.78	1.88	0.69	2.69	2.5630	1.0000	1.5630	5/8	10,720	7,516	UCX 11-34	F 212	13.9
UCFX 11 †	55														UCX 11		
UCFX 11-35 †	2 3/16														UCX 11-35		
UCFX 11-36 †	2 1/4														UCX 11-36		
UCFX 12 †	60	7.38	5.875	1.19	0.88	1.97	0.69	2.75	2.5630	1.0000	1.5630	5/8	12,859	8,994	UCX 12	F 213	15.8
UCFX 12-38 †	2 3/8														UCX 12-38		
UCFX 12-39 †	2 7/16														UCX 12-39		
UCFX 13-40	2 1/2	7.38	5.875	1.34	0.81	2.31	0.71	3.09	2.9370	1.1890	1.7480	9/16	13,981	9,869	UCX 13-40	FX 13	17.2
UCFX 13	65														UCX 13		
UCFX 14-43	2 11/16	7.75	6.000	1.46	0.94	2.38	0.79	3.22	3.0630	1.3110	1.7520	11/16	14,974	10,757	UCX 14-43	FX 14	20.2
UCFX 14	70														UCX 14		
UCFX 15-47	2 15/16	7.75	6.000	1.56	0.94	2.69	0.79	3.50	3.2520	1.3110	1.9409	11/16	16,325	11,992	UCX 15-47	FX 15	24.6
UCFX 15	75														UCX 15		
UCFX 15-48	3														UCX 15-48		
UCFX 17	85	8.44	6.750	1.56	0.94	2.75	0.79	3.81	3.7795	1.5630	2.2165	11/16	21,546	16,329	UCX 17	FX 17	33.0
UCFX 17-55	3 7/16														UCX 17-55		
UCFX 17-56	3 1/2														UCX 17-56		
UCFX 20	100	10.56	8.313	2.31	1.13	3.81	1.13	5.00	4.6260	1.9370	2.3740	1	29,339	23,141	UCX 20	FX 20	42.5
UCFX 20-63	3 15/16														UCX 20-63		
UCFX 20-64	4														UCX 20-64		

† See page 40

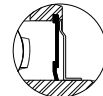


UEF 200 SERIES

Normal-Duty 4-Bolt Flange Block Tru-Loc



Available Seal Styles:



Standard



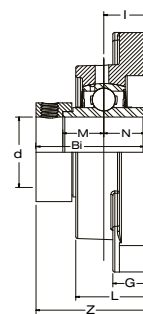
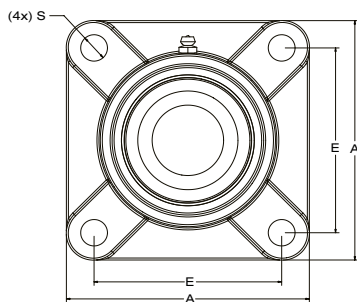
L3

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.										Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		A	E	I	G	L	S	Z	Bi	N	M		Dynamic C _r	Static C _{0r}			
UEF 204-12	3/4	3.38	2.500	0.59	0.47	1.00	0.44	1.38	1.2992	0.5000	0.7205	3/8	2,883	1,496	UE 204-12	F 204	1.8
UEF 204	20	86.0	63.5	15.0	12.0	25.5	11.0	35.3	33.0	12.7	18.3	M10	12.82	6.65	UE 204		0.8
UEF 205-14	7/8	3.75	2.750	0.63	0.56	1.06	0.47	1.47	1.3937	0.5630	0.7795	7/16	3,155	1,810	UE 205-14	F 205	2.4
UEF 205-15	15/16														UE 205-15		1.1
UEF 205	25														UE 205		1.1
UEF 205-16	1														UE 205-16		1.1
UEF 206-17	1 1/16	4.25	3.250	0.71	0.56	1.22	0.47	1.66	1.5669	0.6260	0.8740	7/16	4,377	2,569	UE 206-17	F 206	3.1
UEF 206-18	1 1/8														UE 206-18		1.4
UEF 206	30														UE 206		1.4
UEF 206-19	1 3/16														UE 206-19		1.4
UEF 206-20	1 1/4														UE 206-20		1.4
UEF 207-20	1 1/4	4.61	3.625	0.75	0.63	1.34	0.55	1.78	1.7283	0.6890	1.0000	1/2	5,775	3,497	UE 207-20	F 207	4.6
UEF 207-21	1 5/16														UE 207-21		2.1
UEF 207-22	1 3/8														UE 207-22		2.1
UEF 207	35														UE 207		2.1
UEF 207-23	1 7/16														UE 207-23		2.1
UEF 208-24	1 1/2	5.13	4.000	0.82	0.63	1.44	0.55	2.06	1.9764	0.7480	1.1890	1/2	6,634	4,079	UE 208-24	F 208	5.5
UEF 208-25	1 9/16														UE 208-25		2.5
UEF 208	40														UE 208		2.5
UEF 209-26	1 5/8	5.38	4.125	0.88	0.71	1.50	0.63	2.09	1.9764	0.7480	1.1890	9/16	7,160	4,676	UE 209-26	F 209	6.8
UEF 209-27	1 11/16														UE 209-27		3.1
UEF 209-28	1 3/4														UE 209-28		3.1
UEF 209	45														UE 209		3.1
UEF 210-30	1 7/8	5.63	4.375	0.88	0.71	1.56	0.63	2.19	2.0709	0.7480	1.2835	9/16	7,867	5,330	UE 210-30	F 210	7.5
UEF 210-31	1 15/16														UE 210-31		3.4
UEF 210	50														UE 210		3.4
UEF 210-32	2														UE 210-32		3.4
UEF 211-32	2	6.38	5.125	0.98	0.79	1.69	0.69	2.34	2.2283	0.8740	1.3150	5/8	9,743	6,608	UE 211-32	F 211	10.1
UEF 211-34	2 1/8														UE 211-34		4.6
UEF 211	55														UE 211		4.6
UEF 211-35	2 3/16														UE 211-35		4.6
UEF 212-36	2 1/4	6.88	5.625	1.13	0.79	1.88	0.69	2.75	2.6220	1.0000	1.5630	5/8	10,720	7,516	UE 212-36	F 212	12.5
UEF 212	60														UE 212		5.7
UEF 212-38	2 3/8														UE 212-38		5.7
UEF 212-39	2 7/16														UE 212-39		5.7

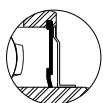


HCFS 200 SERIES

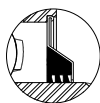
Normal-Duty 4-Bolt Flange Block Eccentric Lock



Available Seal Styles:



Standard



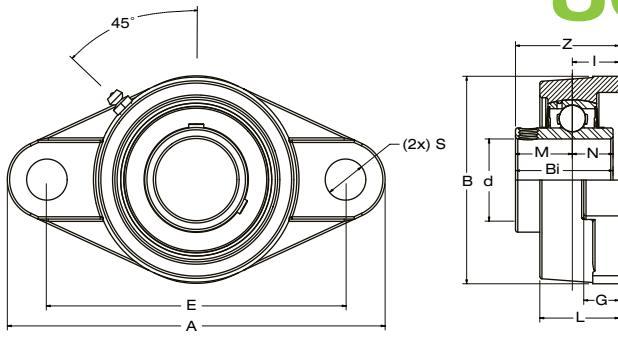
L3

HOUSED UNITS

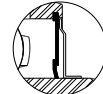
Bearing Number	Shaft Dia.	Dimensions in. mm.										Bolt Used	Load Rating		Bearing Insert	Housing Number	Wt.			
	d in. mm.	A	E	I	G	L	S	Z	Bi	N	M		in. mm.	Dynamic C _r				Static C _{0r}	lbs. kN.	lbs. kg.
HCWF 201	12																			
HCWF 201-8	1/2																			
HCWF 202	15	3.00	2.125	0.59	0.44	1.00	0.44	1.50	1.4685	0.5472	0.5472	3/8	2,147	1,075	WF 203	1.3				
HCWF 202-10	5/8	76.0	54.0	15.0	11.0	25.5	11.0	38.4	37.3	13.9	13.9	M10	9.55	4.78		0.6				
HCWF 203	17																			
HCFS 204-12	3/4	3.38	2.500	0.75	0.59	1.16	0.45	1.81	1.7205	0.6732	0.6732	3/8	2,883	1,496	HC 204-12	2.0				
HCFS 204	20	86	63.5	19.0	15.0	29.5	11.5	45.6	43.7	17.1	17.1	M10	12.82	6.65	FS 204	0.9				
HCFS 205-14	7/8																			
HCFS 205-15	15/16	3.66	2.750	0.75	0.59	1.19	0.45	1.81	1.7480	0.6850	0.6890	7/16	3,155	1,810	HC 205-14	2.2				
HCFS 205	25	93.0	69.9	19.0	15.0	30.0	11.5	46.0	44.4	17.4	17.5	M10	14.04	8.05	FS 205	1.0				
HCFS 205-16	1																			
HCFS 206-17	1 1/16																			
HCFS 206-18	1 1/8	4.19	3.250	0.80	0.63	1.28	0.51	1.97	1.9055	0.7165	0.7205	1/2	4,377	2,569	HC 205-14	2.6				
HCFS 206	30	106.0	82.6	20.0	16.0	33.0	13.0	50.2	48.4	18.2	18.3	M12	19.47	11.43	FS 206	1.2				
HCFS 206-19	1 3/16																			
HCFS 206-20	1 1/4																			
HCFS 207-20	1 1/4																			
HCFS 207-21	1 5/16	4.56	3.625	0.83	0.69	1.38	0.51	2.09	2.0118	0.7402	0.7402	1/2	5,775	3,497	HC 206-17	3.5				
HCFS 207-22	1 3/8	116.0	92.1	21.0	17.0	35.0	13.0	53.3	51.1	18.8	18.8	M12	25.69	15.56	FS 207	1.6				
HCFS 207	35																			
HCFS 207-23	1 7/16																			
HCFS 208-24	1 1/2	5.06	4.000	0.94	0.69	1.54	0.55	2.31	2.2165	0.8425	0.8425	1/2	6,634	4,079	HC 207-20	3.7				
HCFS 208-25	1 9/16	129	101.6	24.0	17.0	39.0	14.0	58.9	56.3	21.4	21.4	M12	29.51	18.14	FS 208	1.7				
HCFS 208	40																			
HCFS 209-26	1 5/8																			
HCFS 209-27	1 11/16	5.31	4.125	0.94	0.71	1.57	0.63	2.31	2.217	0.843	0.843	1/2	7,160	4,676	HC 208-24	5.3				
HCFS 209-28	1 3/4	135.0	104.8	24.0	18.0	40.0	16.0	58.9	56.3	21.4	21.4	M12	31.85	20.80	FS 209	2.4				
HCFS 209	45																			
HCFS 210-30	1 7/8																			
HCFS 210-31	1 15/16	5.63	4.375	1.09	0.80	1.78	0.69	2.60	2.4685	0.9685	0.9685	9/16	7,867	5,330	HC 209-26	6.4				
HCFS 210	50	143.0	111.1	28.0	20.0	45.0	17.0	66.1	62.7	24.6	24.6	M16	35.00	23.71	FS 210	2.9				
HCFS 210-32	2																			
HCFS 211-32	2																			
HCFS 211-34	2 1/8	6.38	5.125	1.22	0.81	1.94	0.69	2.94	2.8110	1.0906	1.0945	5/8	9,743	6,608	HC 210-30	9.9				
HCFS 211	55	162.0	130.2	31.0	21.0	49.0	17.0	74.7	71.4	27.7	27.8	M16	43.34	29.40	FS 211	4.5				
HCFS 211-35	2 3/16																			
HCFS 212-36	2 1/4																			
HCFS 212	60	6.89	5.625	1.34	0.88	2.13	0.69	3.19	3.0630	1.2165	1.2205	5/8	10,720	7,516	HC 211-32	12.3				
HCFS 212-38	2 3/8	175.0	142.9	34.0	22.0	54.0	17.0	80.9	77.8	30.9	31.0	M16	47.69	33.43	FS 212	5.6				
HCFS 212-39	2 7/16																			
HCFS 213-40	2 1/2	7.25	5.875	1.50	0.88	2.28	0.71	3.50	3.3740	1.3425	1.3425	5/8	12,859	8,994	HC 212-36	13.6				
HCFS 213	65	184.0	149.2	38.0	22.0	58.0	18.0	89.6	85.7	34.1	34.1	M16	57.20	40.01	FS 213	6.2				
HCFS 214-43	2 11/16																			
HCFS 214-44	2 3/4	7.38	5.875	1.50	0.91	2.38	0.71	3.50	3.3740	1.3425	1.3425	5/8	13,981	9,869	HC 212-38	13.6				
HCFS 214	70	188.0	149.2	38.0	23.0	60.0	18.0	89.6	85.7	34.1	34.1	M16	62.19	43.90	FS 214	6.2				
HCFS 215-47	2 15/16																			
HCFS 215	75	7.88	6.000	1.61	0.94	2.44	0.79	3.78	3.6260	1.4685	1.4685	7/8	14,974	10,757	HC 214-43	17.4				
HCFS 215-48	3	200.0	152.4	41.0	24.0	62.0	20.0	95.8	92.1	37.3	37.3	M18	66.61	47.85	FS 215	7.9				

UCFT 200 SERIES

Normal-Duty 2 Bolt Flange Block
Setscrew Lock



Available Seal Styles:



Standard



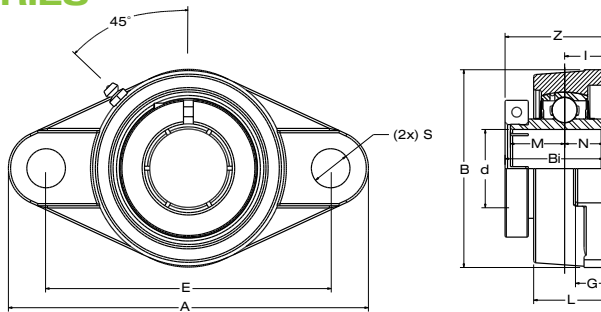
L3

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.											Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.	
		A	E	I	G	L	S	B	Z	Bi	N	M		Dynamic C _r	Static C _{0r}				
UCWFT 201	12																		
UCWFT 201-8	1/2																		
UCWFT 202	15	3.88	3.000	0.59	0.44	0.96	0.39	2.25	1.22	1.0787	0.3937	0.6260	5/16	2,147	1,075	WFT 203	0.9 0.4		
UCWFT 202-10	5/8	99.0	76.2	15.0	11.0	24.5	10.0	57.0	31.0	27.4	10.0	15.9	M8	9.55	4.78				
UCWFT 203	17																		
UCWFT 203	17																		
UCFT 204-12	3/4	4.41	3.531	0.56	0.44	0.98	0.39	2.38	1.28	1.2205	0.5000	0.7205	5/16	2,883	1,496	FT 204	1.1 0.5		
UCFT 204	20	112.0	89.7	14.3	11.0	25.0	10.0	60.0	32.6	31.0	12.7	18.3	M8	12.82	6.65				
UCFT 205-14	7/8															FT 205	1.5 0.7		
UCFT 205-15	15/16	4.88	3.891	0.63	0.50	1.06	0.47	2.75	1.40	1.3425	0.5630	0.7795	3/8	3,155	1,810				
UCFT 205	25	124.0	98.8	15.9	13.0	27.0	12.0	70.0	35.6	34.1	14.3	19.8	M10	14.04	8.05				
UCFT 205-16	1																		
UCFT 206-17	1 1/16															FT 206	2.0 0.9		
UCFT 206-18	1 1/8	5.56	4.594	0.70	0.50	1.18	0.47	3.25	1.58	1.5000	0.6260	0.8740	3/8	4,377	2,569				
UCFT 206	30	141.0	116.7	17.9	13.0	30.0	12.0	83.0	40.1	38.1	15.9	22.2	M10	19.47	11.43				
UCFT 206-19	1 3/16																		
UCFT 206-20	1 1/4																		
UCFT 207-20	1 1/4															FT 207	2.9 1.3		
UCFT 207-21	1 5/16	6.13	5.125	0.75	0.56	1.34	0.51	3.75	1.75	1.6890	0.6890	1.0000	7/16	5,775	3,497				
UCFT 207-22	1 3/8	156.0	130.2	19.1	14.0	34.0	13.0	95.0	44.5	42.9	17.5	25.4	M12	25.69	15.56				
UCFT 207	35																		
UCFT 207-23	1 7/16																		
UCFT 208-24	1 1/2	6.75	5.656	0.83	0.56	1.50	0.51	4.13	2.02	1.9370	0.7480	1.1890	7/16	6,634	4,079	FT 208	3.3 1.5		
UCFT 208-25	1 9/16	171.0	143.7	21.0	14.0	38.0	13.0	105.0	51.2	49.2	19.0	30.2	M12	29.51	18.14				
UCFT 208	40																		
UCFT 209-26	1 5/8															FT 209	3.7 1.7		
UCFT 209-27	1 11/16	7.04	5.844	0.86	0.56	1.56	0.59	4.38	2.05	1.9370	0.7480	1.1890	1/2	7,160	4,676				
UCFT 209-28	1 3/4	179.0	148.4	21.8	14.0	40.0	15.0	111.0	52.0	49.2	19.0	30.2	M14	31.85	20.80				
UCFT 209	45																		
UCFT 210-30	1 7/8															FT 210	5.1 2.3		
UCFT 210-31	1 15/16	7.44	6.188	0.88	0.56	1.56	0.63	4.56	2.16	2.0315	0.7480	1.2835	1/2	7,867	5,330				
UCFT 210	50	189.0	157.2	22.2	14.0	40.0	16.0	116.0	54.8	51.6	19.0	32.6	M14	35.00	23.71				
UCFT 210-32	2																		
UCFT 211-32	2															FT 211	6.2 2.8		
UCFT 211-34	2 1/8	8.50	7.250	1.00	0.83	1.75	0.64	5.25	2.30	2.1890	0.8740	1.3150	9/16	9,743	6,608				
UCFT 211	55	216.0	184.2	25.4	21.0	44.0	16.3	133.0	58.5	55.6	22.2	33.4	M16	43.34	29.40				
UCFT 211-35	2 3/16																		
UCFT 212-36	2 1/4															FT 212	9.5 4.3		
UCFT 212	60	9.84	7.938	1.13	0.71	1.88	0.91	5.50	2.70	2.5630	1.0000	1.5630	3/4	10,720	7,516				
UCFT 212-38	2 3/8	250.0	201.6	29.0	18.0	48.0	23.0	140.0	68.7	65.1	25.4	39.7	M20	47.69	33.43				
UCFT 212-39	2 7/16																		

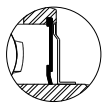


UEFT 200 SERIES

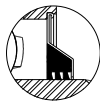
Normal-Duty 2-Bolt Flange Block
Tru-Loc



Available Seal Styles:



Standard



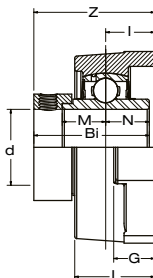
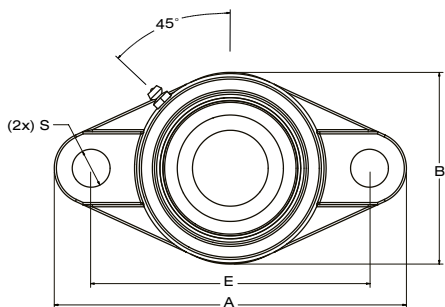
L3

HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.											Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		A	E	I	G	L	S	B	Z	Bi	N	M		Dynamic C _r	Static C _{0r}			
UEFT 204-12	3/4	4.41	3.531	0.56	0.44	0.98	0.39	2.38	1.38	1.2992	0.5000	0.720	5/16	2,883	1,496	UE 204-12	FT 204	1.1
UEFT 204	20	112.0	89.7	14.3	11.0	25.0	10.0	60.0	34.6	33.0	12.7	18.3	M8	12.82	6.65	UE 204		0.5
UEFT 205-14	7/8	4.88	3.891	0.63	0.50	1.06	0.47	2.75	1.44	1.3937	0.5630	0.780	3/8	3,155	1,810	UE 205-14	FT 205	1.5
UEFT 205-15	15/16															UE 205-15		0.7
UEFT 205	25															UE 205		
UEFT 205-16	1															UE 205-16		
UEFT 206-17	1 1/16	5.56	4.594	0.70	0.50	1.18	0.47	3.25	1.66	1.5669	0.6260	0.874	3/8	4,377	2,569	UE 206-17	FT 206	2.0
UEFT 206-18	1 1/8															UE 206-18		0.9
UEFT 206	30															UE 206		
UEFT 206-19	1 3/16															UE 206-19		
UEFT 206-20	1 1/4	UE 206-20																
UEFT 207-20	1 1/4	6.13	5.125	0.75	0.56	1.34	0.51	3.75	1.78	1.7283	0.6890	1.000	7/16	5,775	3,497	UE 207-20	FT 207	2.9
UEFT 207-21	1 5/16															UE 207-21		1.3
UEFT 207-22	1 3/8															UE 207-22		
UEFT 207	35															UE 207		
UEFT 207-23	1 7/16	UE 207-23																
UEFT 208-24	1 1/2	6.75	5.656	0.83	0.56	1.50	0.51	4.13	2.06	1.9764	0.7480	1.189	7/16	6,634	4,079	UE 208-24	FT 208	3.3
UEFT 208-25	1 9/16															UE 208-25		1.5
UEFT 208	40															UE 208		
UEFT 209-26	1 5/8	7.04	5.844	0.86	0.56	1.56	0.59	4.38	2.09	1.9764	0.7480	1.189	1/2	7,160	4,676	UE 209-26	FT 209	3.7
UEFT 209-27	1 11/16															UE 209-27		1.7
UEFT 209-28	1 3/4															UE 209-28		
UEFT 209	45															UE 209		
UEFT 210-30	1 7/8	7.44	6.188	0.88	0.56	1.56	0.63	4.56	2.19	2.0709	0.7480	1.283	1/2	7,867	5,330	UE 210-30	FT 210	5.1
UEFT 210-31	1 15/16															UE 210-31		2.3
UEFT 210	50															UE 210		
UEFT 210-32	2															UE 210-32		
UEFT 211-32	2	8.50	7.250	1.00	0.83	1.75	0.64	5.25	2.34	2.2283	0.8740	1.315	9/16	9,743	6,608	UE 211-32	FT 211	6.2
UEFT 211-34	2 1/8															UE 211-34		2.8
UEFT 211	55															UE 211		
UEFT 211-35	2 3/16															UE 211-35		
UEFT 212-36	2 1/4	9.84	7.938	1.13	0.71	1.88	0.91	5.50	2.75	2.6220	1.0000	1.563	3/4	10,720	7,516	UE 212-36	FT 212	9.5
UEFT 212	60															UE 212		4.3
UEFT 212-38	2 3/8															UE 212-38		
UEFT 212-39	2 7/16															UE 212-39		

HCFJT 200 SERIES

Normal-Duty 2-Bolt Flange Block Eccentric Lock



Available Seal Styles:



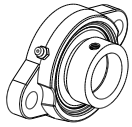
Standard



L3

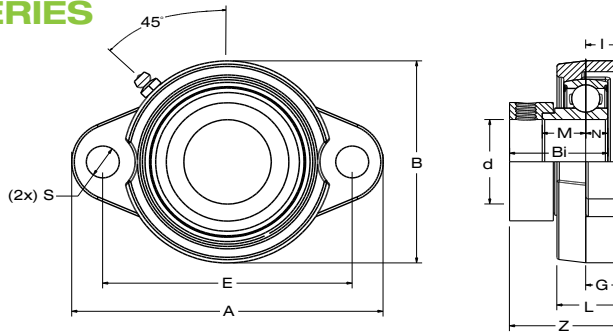
HOUSED UNITS

Bearing Number	Shaft Dia.	Dimensions in.											Bolt Used	Load Rating		Bearing Insert	Housing Number	Wt.			
	d in. mm.	A	E	I	G	L	S	B	Z	Bi	N	M		in. mm.	Dynamic C _r				Static C _{0r}	lbs. kN.	lbs. kg.
HCWFJT 201	12																				
HCWFJT 201-8	1/2																				
HCWFJT 202	15	3.88	3.000	0.59	0.44	0.96	0.39	1.51	1.50	1.0236	0.5472	0.5472	5/16	2,147	1,075						
HCWFJT 202-10	5/8	99.0	76.2	15.0	11.0	25.0	10.0	38.4	38.4	26.0	13.9	13.9	M8	9.55	4.78				WFT 203	1.1 0.5	
HCWFJT 203	17																				
HCFJT 204-12	3/4	4.4	3.531	0.75	0.44	1.25	0.41	2.38	1.79	1.7205	0.6732	0.6732	5/16	2,883	1,496						
HCFJT 204	20	112.0	89.7	19.0	11.0	32.0	11.0	60.0	45.6	43.7	17.1	17.1	M8	12.82	6.65				HC 204-12 HC 204	FJT 204 1.3 0.6	
HCFJT 205-14	7/8																				
HCFJT 205-15	15/16	4.88	3.891	0.75	0.50	1.31	0.47	2.75	1.81	1.7480	0.6850	0.6890	3/8	3,155	1,810						
HCFJT 205	25	124.0	98.8	19.0	13.0	33.0	12.0	70.0	46.0	44.4	17.5	17.4	M10	14.04	8.05				HC 205-14 HC 205-15 HC 205	FJT 205 1.5 0.7	
HCFJT 205-16	1																				
HCFJT 206-17	1 1/16																				
HCFJT 206-18	1 1/8																				
HCFJT 206	30	5.56	4.594	0.81	0.50	1.38	0.47	3.25	2.00	1.9055	0.7205	0.7165	3/8	4,377	2,569						
HCFJT 206-19	1 3/16	141.0	116.7	20.6	13.0	35.0	12.0	83.0	50.8	48.4	18.3	18.2	M10	19.47	11.43				HC 206-17 HC 206-18 HC 206	FJT 206 2.2 1.0	
HCFJT 206-20	1 1/4																				
HCFJT 207-20	1 1/4																				
HCFJT 207-21	1 5/16																				
HCFJT 207-22	1 3/8																				
HCFJT 207	35	6.13	5.125	0.84	0.59	1.47	0.51	3.75	2.13	2.0118	0.7402	0.7402	7/16	5,775	3,497						
HCFJT 207-23	1 7/16	156.0	130.2	21.4	15.0	37.0	13.0	95.0	53.7	51.1	18.8	18.8	M12	25.69	15.56				HC 207-20 HC 207-21 HC 207-22	FJT 207 3.3 1.5	
HCFJT 207-23																					
HCFJT 208-24	1 1/2																				
HCFJT 208-25	1 9/16																				
HCFJT 208	40	6.78	5.656	0.94	0.59	1.69	0.51	4.13	2.31	2.2165	0.8425	0.8425	7/16	6,634	4,079						
HCFJT 208		172.0	143.7	23.8	15.0	43.0	13.0	105.0	58.7	56.3	21.4	21.4	M12	29.51	18.14				HC 208-24 HC 208-25 HC 208	FJT 208 4.6 2.1	
HCFJT 209-26	1 5/8																				
HCFJT 209-27	1 11/16																				
HCFJT 209-28	1 3/4																				
HCFJT 209	45	7.06	5.844	0.94	0.59	1.75	0.63	4.38	2.31	2.2165	0.8425	0.8425	1/2	7,160	4,676						
HCFJT 209		179.0	148.4	23.8	15.0	45.0	16.0	111.0	58.7	56.3	21.4	21.4	M14	31.85	20.80				HC 209-26 HC 209-27 HC 209-28	FJT 209 5.5 2.5	
HCFJT 210-30	1 7/8																				
HCFJT 210-31	1 15/16																				
HCFJT 210	50	7.44	6.188	1.13	0.59	1.88	0.69	4.56	2.63	2.4685	0.9685	0.9685	1/2	7,867	5,330						
HCFJT 210-32	2	189.0	157.2	28.6	15.0	48.0	17.0	116.0	66.7	62.7	24.6	24.6	M14	35.00	23.71				HC 210-30 HC 210-31 HC 210-32	FJT 210 5.9 2.7	
HCFJT 211-32	2																				
HCFJT 211-34	2 1/8																				
HCFJT 211	55	8.50	7.250	1.25	0.83	2.00	0.71	5.25	2.97	2.8110	1.0945	1.0906	9/16	9,743	6,608						
HCFJT 211-35	2 3/16	216.0	184.2	31.8	21.0	51.0	18.0	133.0	75.5	71.4	27.8	27.7	M16	43.34	29.40				HC 211-32 HC 211-34 HC 211	FJT 211 8.1 3.7	
HCFJT 212-36	2 1/4																				
HCFJT 212	60	9.31	7.938	1.34	0.83	2.09	0.71	5.44	3.19	3.0630	1.2205	1.2165	9/16	10,720	7,516						
HCFJT 212-38	2 3/8	237.0	201.6	34.0	21.0	53.0	18.0	138.0	80.9	77.8	31.0	30.9	M16	47.69	33.43						
HCFJT 212-39	2 7/16																				
HCFJT 212-39																					



SALF 200 SERIES

Light-Duty 2-Bolt Flange Block
Eccentric Lock



Standard

Available Seal Style

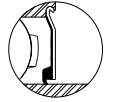
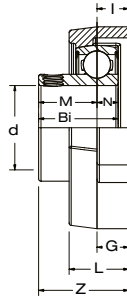
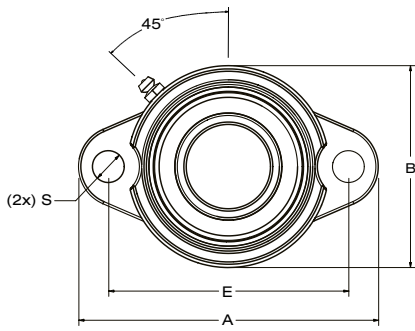
HOUSED UNITS

Bearing Number	Shaft Dia.	Dimensions in. mm.											Bolt Used	Load Rating		Bearing Insert	Housing Number	Wt.
	d in. mm.	A	E	I	G	L	S	B	Z	Bi	N	M		in. mm.	Dynamic C _r			
SALF 201	12	3.19 81.0	2.500 63.5	0.37 9.5	0.37 9.5	0.71 18.0	0.31 8.0	2.20 56.0	1.26 32.1	1.1260 28.6	0.2362 6.0	0.5157 13.1	1/4 M6	2,147 9.55	1,075 4.78	SA 201	LF 203	1.1 0.5
SALF 201-8	1/2															SA 201-8		
SALF 202	15															SA 202		
SALF 202-10	5/8															SA 202-10		
SALF 203	17														SA 203			
SALF 204-12	3/4	3.54	2.815	0.43	0.43	0.79	0.39	2.40	1.38	1.2205	0.2756	0.5709	5/16	2,883	1,496	SA 204-12	LF 204	1.3
SALF 204	20	90.0	71.5	11.0	11.0	20.0	10.0	61.0	35.0	31.0	7.0	14.5	M8	12.82	6.65	SA 204		0.6
SALF 205-14	7/8	3.74 95.0	2.992 76.0	0.43 11.0	0.43 11.0	0.79 20.0	0.39 10.0	2.52 64.0	1.38 35.0	1.2402 31.5	0.2953 7.5	0.5709 14.5	5/16 M8	3,155 14.04	1,810 8.05	SA 205-14	LF 205	1.5 0.7
SALF 205-15	15/16															SA 205-15		
SALF 205	25															SA 205		
SALF 205-16	1															SA 205-16		
SALF 206-17	1 1/16	4.45 113.0	3.563 90.5	0.47 12.0	0.47 12.0	0.89 23.0	0.47 12.0	2.99 76.0	1.56 39.7	1.4055 35.7	0.3150 8.0	0.6220 15.8	3/8 M10	4,377 19.47	2,569 11.43	SA 206-17	LF 206	2.2 1.0
SALF 206-18	1 1/8															SA 206-18		
SALF 206	30															SA 206		
SALF 206-19	13/16															SA 206-19		
SALF 206-20	1 1/4															SA 206-20		
SALF 207-20	1 1/4	4.80 122.0	3.937 100.0	0.51 13.0	0.51 13.0	0.94 24.0	0.47 12.0	3.50 89.0	1.71 43.4	1.5315 38.9	0.3346 8.5	0.6654 16.9	3/8 M10	5,775 25.69	3,497 15.56	SA 207-20	LF 207	2.9 1.3
SALF 207-21	15/16															SA 207-21		
SALF 207-22	1 3/8															SA 207-22		
SALF 207	35															SA 207		
SALF 207-23	1 7/16															SA 207-23		

NOTE: Standard units include a regreaseable bearing. Non-regreaseable bearings are available upon request.

SBLF 200 SERIES

Light-Duty 2-Bolt Flange Block
Setscrew Lock



Standard

Available Seal Style

HOUSED UNITS

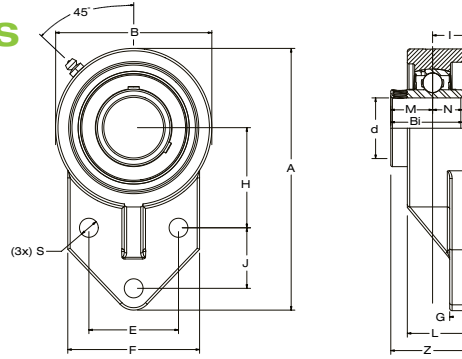
Bearing Number	Shaft Dia.	Dimensions in. mm.											Bolt Used	Load Rating		Bearing Insert	Housing Number	Wt.
	d in. mm.	A	E	I	G	L	S	B	Z	Bi	N	M		in. mm.	Dynamic C _r			
SBLF 201	12	3.19 81.0	2.500 63.5	0.37 9.5	0.37 9.5	0.71 18.0	0.31 8.0	2.20 56.0	1.00 25.4	0.8661 22.0	0.2362 6.0	0.6299 16.0	1/4 M6	2,147 9.55	1,075 4.78	SB 201	LF 203	0.9 0.4
SBLF 201-8	1/2															SB 201-8		
SBLF 202	15															SB 202		
SBLF 202-10	5/8															SB 202-10		
SBLF 203	17															SB 203		
SBLF 204-12	3/4	3.54	2.815	0.43	0.43	0.79	0.39	2.40	1.14	0.9843	0.2756	0.7087	5/16	2,883	1,496	SB 204-12	LF 204	1.1 0.5
SBLF 204	20	90	71.5	11.0	11.0	20.0	10.0	61.0	29.0	25.0	7.0	18.0	M8	12.82	6.65	SB 204		
SBLF 205-14	7/8	3.74 95.0	2.992 76.0	0.43 11.0	0.43 11.0	0.79 20.0	0.39 10.0	2.52 64.0	1.20 30.5	1.0630 27.0	0.2953 7.5	0.7677 19.5	5/16 M8	3,155 14.04	1,810 8.05	SB 205-14	LF 205	1.5 0.7
SBLF 205-15	15/16															SB 205-15		
SBLF 205	25															SB 205		
SBLF 205-16	1															SB 205-16		
SBLF 206-17	1 1/16	4.45 113.0	3.563 90.5	0.47 12.0	0.47 12.0	0.89 23.0	0.47 12.0	2.99 76.0	1.34 34.0	1.1811 30.0	0.3150 8.0	0.8661 22.0	3/8 M10	4,377 19.47	2,569 11.43	SB 206-17	LF 206	2.2 1.0
SBLF 206-18	1 1/8															SB 206-18		
SBLF 206	30															SB 206		
SBLF 206-19	13/16															SB 206-19		
SBLF 206-20	1 1/4															SB 206-20		
SBLF 207-20	1 1/4	4.80 122.0	3.937 100.0	0.51 13.0	0.51 13.0	0.94 24.0	0.47 12.0	3.50 89.0	1.44 36.5	1.258 32.0	0.3346 8.5	0.9252 23.5	3/8 M10	5,775 25.69	3,497 15.56	SB 207-20	LF 207	2.9 1.3
SBLF 207-21	15/16															SB 207-21		
SBLF 207-22	1 3/8															SB 207-22		
SBLF 207	35															SB 207		
SBLF 207-23	1 7/16															SB 207-23		

NOTE: Standard units include a regreaseable bearing. Non-regreaseable bearings are available upon request.

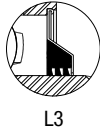
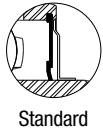


UCFBS 200 SERIES

Normal-Duty 3-Bolt Flange Bracket
Setscrew Lock
(Inch-Based Housing)



Available Seal Styles:



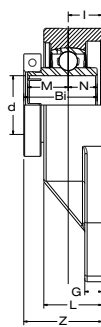
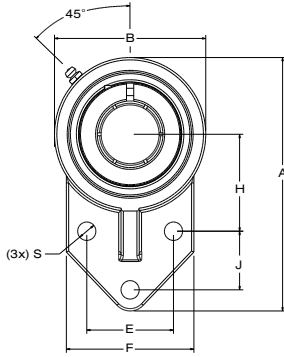
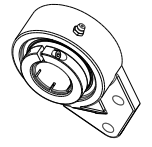
HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.													Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.			
		A	H	E	J	I	G	L	S	B	F	Z	Bi	N		M	Dynamic C _r				Static C _{0r}		
UCFBS 201	12																			UC 201			
UCFBS 201-8	1/2																			UC 201-8			
UCFBS 202	15																			UC 202			
UCFBS 202-10	5/8	4.25	1.69	1.500	0.866	0.63	0.31	1.00	0.39	2.50	2.37	1.34	1.2205	0.5000	0.7205	5/16	2,883	1,496	FBS 204	1.5 0.7			
UCFBS 203	17	108.0	42.9	38.1	22.0	16.0	8.0	25.0	10.0	64.0	60.0	34.1	31.0	12.7	18.3	M8	12.82	6.65					
UCFBS 204-12	3/4																				UC 204-12		
UCFBS 204	20																				UC 204		
UCFBS 205-14	7/8																			UC 205-14			
UCFBS 205-15	15/16	4.76	1.81	1.626	1.122	0.66	0.37	1.12	0.39	2.76	2.50	1.44	1.3425	0.5630	0.7795	5/16	3,155	1,810	FBS 205	1.8 0.8			
UCFBS 205	25	121.0	46.0	41.3	28.5	17.0	10.0	29.0	10.0	70.0	64.0	36.5	34.1	14.3	19.8	M8	14.04	8.05					
UCFBS 205-16	1																				UC 205-16		
UCFBS 206-17	1 1/16																				UC 206-17		
UCFBS 206-18	1 1/8																			UC 206-18			
UCFBS 206	30	5.39	2.06	1.874	1.248	0.73	0.37	1.26	0.39	3.27	2.76	1.61	1.5000	0.6260	0.8740	5/16	4,377	2,569	FBS 206	2.1 0.9			
UCFBS 206-19	1 3/16	137.0	52.4	47.6	31.7	19.0	10.0	32.0	10.0	83.0	70.0	40.9	38.1	15.9	22.2	M8	19.47	11.43					
UCFBS 206-20	1 1/4																				UC 206-19		
UCFBS 206-20	1 1/4																				UC 206-20		
UCFBS 207-20	1 1/4																			UC 207-20			
UCFBS 207-21	1 5/16																			UC 207-21			
UCFBS 207-22	1 3/8	6.14	2.37	2.000	1.248	0.83	0.50	1.44	0.51	3.74	3.27	1.83	1.6890	0.6890	1.0000	7/16	5,775	3,497	FBS 207	2.9 1.3			
UCFBS 207	35	156.0	60.3	50.8	31.7	21.0	13.0	37.0	13.0	95.0	83.0	46.4	42.9	17.5	25.4	M10	25.69	15.56					
UCFBS 207-23	1 7/16																				UC 207-22		
UCFBS 207-23	1 7/16																				UC 207-23		
UCFBS 208-24	1 1/2	6.46	2.37	1.969	1.614	0.83	0.63	1.42	0.47	3.94	3.07	2.02	1.9370	0.7480	1.1890	3/8	6,634	4,079	FBS 208	4.0 1.8			
UCFBS 208-25	1 9/16	164.0	60.3	50.0	41.0	21.0	16.0	36.0	11.9	100.0	78.0	51.2	49.2	19.0	30.2	M10	29.51	18.14					
UCFBS 208	40																				UC 208-24		
UCFBS 208	40																				UC 208-25		
UCFBS 209-26	1 5/8																			UC 208			
UCFBS 209-27	1 11/16	6.85	2.56	2.126	1.689	0.83	0.71	1.42	0.47	4.17	3.15	2.02	1.9370	0.7480	1.1890	3/8	7,160	4,676	FBS 209	4.4 2.0			
UCFBS 209-28	1 3/4	174.0	65.0	54.0	42.9	21.0	18.0	36.0	11.9	106.0	80.0	51.2	49.2	19.0	30.2	M10	31.85	20.80					
UCFBS 209	45																				UC 209-26		
UCFBS 209	45																				UC 209-27		
UCFBS 210-30	1 7/8																			UC 209-28			
UCFBS 210-31	1 15/16	7.48	2.94	2.756	1.626	0.83	0.50	1.50	0.52	4.65	4.02	2.11	2.0315	0.7480	1.2835	7/16	7,867	5,330	FBS 210	5.1 2.3			
UCFBS 210	50	190.0	74.6	70.0	41.3	21.0	13.0	38.0	13.0	118.0	102.0	53.6	51.6	19.0	32.6	M10	35.00	23.71					
UCFBS 210	50																				UC 210-30		
UCFBS 210-32	2																				UC 210-31		
UCFBS 210-32	2																		UC 210-32				

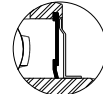
UEFBS 200 SERIES

Normal-Duty 3-Bolt Flange Bracket
Tru-Loc

(Inch-Based Housing)



Available Seal Styles:



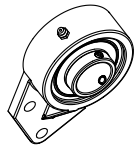
Standard



L3

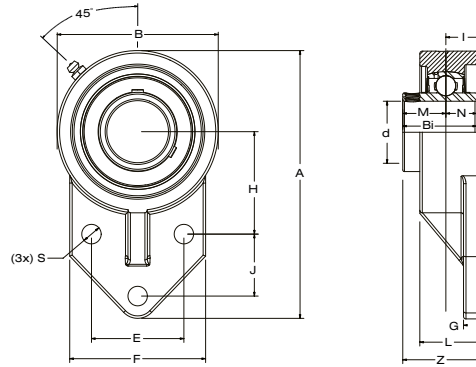
HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.														Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.																		
		A	H	E	J	I	G	L	S	B	F	Z	Bi	N	M		Dynamic C _r	Static C _{0r}																					
UEFBS 204-12	3/4	4.25	1.69	1.500	0.866	0.63	0.31	1.00	0.39	2.50	2.37	1.44	1.2992	0.5000	0.7205	5/16	2,883	1,496	UE 204-12	FBS 204	1.5																		
UEFBS 204	20	108.0	42.9	38.1	22.0	16.0	8.0	25.0	10.0	64.0	60.0	36.3	33.0	12.7	18.3	M8	12.82	6.65	UE 204		0.7																		
UEFBS 205-14	7/8	4.76	1.81	1.626	1.122	0.66	0.37	1.12	0.39	2.76	2.50	1.50	1.3937	0.5630	0.7795	5/16	3,155	1,810	UE 205-14	FBS 205	1.8																		
UEFBS 205-15	15/16																		UE 205-15		0.8																		
UEFBS 205	25																		121.0		46.0	41.3	28.5	17.0	10.0	29.0	10.0	70.0	64.0	38.1	35.4	14.3	19.8	M8	14.04	8.05	UE 205		
UEFBS 205-16	1																		UE 205-16																				
UEFBS 206-17	1 1/16	5.39	2.06	1.874	1.248	0.73	0.37	1.26	0.39	3.27	2.76	1.69	1.5669	0.6260	0.8740	5/16	4,377	2,569	UE 206-17	FBS 206	2.1																		
UEFBS 206-18	1 1/8																		UE 206-18			0.9																	
UEFBS 206	30																		137.0				52.4	47.6	31.7	19.0	10.0	32.0	10.0	83.0	70.0	42.9	39.8	15.9	22.2	M8	19.47	11.43	UE 206
UEFBS 206-19	1 3/16																		UE 206-19																				
UEFBS 206-20	1 1/4	UE 206-20																																					
UEFBS 207-20	1 1/4	6.14	2.37	2.000	1.248	0.83	0.50	1.44	0.51	3.74	3.27	1.88	1.7283	0.6890	1.0000	7/16	5,775	3,497	UE 207-20	FBS 207	2.9																		
UEFBS 207-21	1 5/16																		UE 207-21			1.3																	
UEFBS 207-22	1 3/8																		156.0				60.3	50.8	31.7	21.0	13.0	37.0	13.0	95.0	83.0	47.4	43.9	17.5	25.4	M10	25.69	15.56	UE 207-22
UEFBS 207	35																		UE 207																				
UEFBS 207-23	1 7/16	UE 207-23																																					
UEFBS 208-24	1 1/2	6.46	2.37	1.969	1.614	0.83	0.63	1.42	0.47	3.94	3.07	2.06	1.9764	0.7480	1.1890	3/8	6,634	4,079	UE 208-24	FBS 208	4.0																		
UEFBS 208-25	1 9/16																		UE 208-25			1.8																	
UEFBS 208	40																		164.0				60.3	50.0	41.0	21.0	16.0	36.0	11.9	100.0	78.0	52.2	50.2	19.0	30.2	M10	29.51	18.14	UE 208
UEFBS 209-26	1 5/8	6.85	2.56	2.126	1.689	0.83	0.71	1.42	0.47	4.17	3.15	2.06	1.9764	0.7480	1.1890	3/8	7,160	4,676	UE 209-26	FBS 209	4.4																		
UEFBS 209-27	1 11/16																		UE 209-27			2.0																	
UEFBS 209-28	1 3/4																		174.0				65.0	54.0	42.9	21.0	18.0	36.0	11.9	106.0	80.0	52.2	50.2	19.0	30.2	M10	31.85	20.80	UE 209-28
UEFBS 209	45																		UE 209																				
UEFBS 210-30	1 7/8	7.48	2.94	2.756	1.626	0.83	0.50	1.50	0.52	4.65	4.02	2.16	2.0709	0.7480	1.2835	7/16	7,867	5,330	UE 210-30	FBS 210	5.1																		
UEFBS 210-31	1 15/16																		UE 210-31			2.3																	
UEFBS 210	50																		190.0				74.6	70.0	41.3	21.0	13.0	38.0	13.0	118.0	102.0	54.6	52.6	19.0	32.6	M10	35.00	23.71	UE 210
UEFBS 210-32	2																		UE 210-32																				

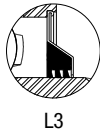


UCFB 200 SERIES

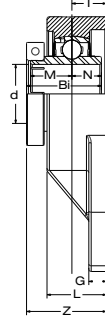
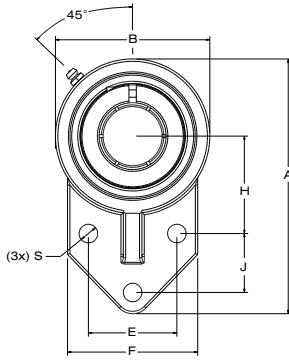
Normal-Duty 3-Bolt Flange Bracket
Setscrew Lock
(Metric Based Housing)



Available Seal Styles:



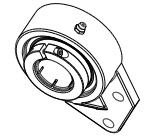
Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.													Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.				
		A	H	E	J	I	G	L	S	B	F	Z	Bi	N		M	Dynamic Cr				Static Cor			
UCFB 201	12																		5/16			UC 201		
UCFB 201-8	1/2																					UC 201-8		
UCFB 202	15																					UC 202	FB 204	1.4 0.6
UCFB 202-10	5/8	4.33	1.65	1.26	1.06	0.59	0.51	1.00	0.39	2.44	2.05	1.31	1.2205	0.5000	0.7205	18.3				2,883	1,496	UC 202-10		
UCFB 203	17	110.0	42.0	32.0	27.0	15.0	13.0	25.5	10.0	62.0	52.0	33.3	31.0	12.7					12.82	6.65	UC 203			
UCFB 204-12	3/4																				UC 204-12			
UCFB 204	20																					UC 204		
UCFB 205-14	7/8																		5/16			UC 205-14	FB 205	1.5 0.7
UCFB 205-15	15/16	4.57	1.77	1.34	1.06	0.63	0.51	1.06	0.39	2.68	2.20	1.41	1.3425	0.5630	0.7795	19.8				3,155	1,810	UC 205-15		
UCFB 205	25	116.0	45.0	34.0	27.0	16.0	13.0	27.0	10.0	68.0	56.0	35.8	34.1	14.3					14.03	8.05	UC 205			
UCFB 205-16	1																				UC 205-16			
UCFB 206-17	1 1/16																		5/16			UC 206-17	FB 206	2.0 0.9
UCFB 206-18	1 1/8	5.12	1.97	1.58	1.14	0.71	0.51	1.22	0.39	3.11	2.56	1.58	1.5000	0.6260	0.8740	22.2				4,377	2,569	UC 206-18		
UCFB 206	30	130.0	50.0	40.0	29.0	18.0	13.0	31.0	10.0	79.0	65.0	40.2	38.1	15.9					19.47	11.43	UC 206			
UCFB 206-19	1 3/16																				UC 206-19			
UCFB 206-20	1 1/4																					UC 206-20		
UCFB 207-20	1 1/4																		5/16			UC 207-20	FB 207	2.9 1.3
UCFB 207-21	1 5/16	5.67	2.17	1.81	1.26	0.75	0.59	1.34	0.39	3.54	2.76	1.75	1.6890	0.6890	1.0000	25.4				5,775	3,497	UC 207-21		
UCFB 207-22	1 3/8	144.0	55.0	46.0	32.0	19.0	15.0	34.0	10.0	90.0	70.0	44.4	42.9	17.5					25.69	15.56	UC 207-22			
UCFB 207	35																				UC 207			
UCFB 207-23	1 7/16																					UC 207-23		
UCFB 208-24	1 1/2																		3/8			UC 208-24	FB 208	4.0 1.8
UCFB 208-25	1 9/16	6.46	2.36	1.97	1.61	0.83	0.63	1.42	0.47	3.94	3.07	2.02	1.9370	0.7480	1.1890	30.2				6,634	4,079	UC 208-25		
UCFB 208	40	164.0	60.0	50.0	41.0	21.0	16.0	36.0	12.0	100.0	78.0	51.2	49.2	19.0					29.51	18.15	UC 208			
UCFB 209-26	1 15/8																		3/8			UC 209-26	FB 209	4.4 2.0
UCFB 209-27	1 11/16	6.85	2.56	2.13	1.69	0.87	0.71	1.50	0.47	4.17	3.15	2.06	1.9370	0.7480	1.1890	30.2				7,160	4,676	UC 209-27		
UCFB 209-28	1 3/4	174.0	65.0	54.0	43.0	22.0	18.0	38.0	12.0	106.0	80.0	52.2	49.2	19.0					31.85	20.80	UC 209-28			
UCFB 209	45																				UC 209			
UCFB 210-30	1 7/8																		3/8			UC 210-30	FB 210	5.1 2.3
UCFB 210-31	1 15/16	7.24	2.68	2.28	1.81	0.87	0.71	1.57	0.47	4.41	3.39	2.15	2.0315	0.7480	1.2835	32.6				7,867	5,330	UC 210-31		
UCFB 210	50	184.0	68.0	58.0	46.0	22.0	18.0	40.0	12.0	112.0	86.0	54.6	51.6	19.0					35.00	23.71	UC 210			
UCFB 210-32	2																				UC 210-32			



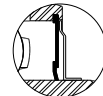
UEFB 200 SERIES

Normal-Duty 3-Bolt Flange Bracket Tru-Loc

(Metric Based Housing)



Available Seal Styles:



Standard



L3

HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.														Bolt Used in. mm.	Load Rating lbs. KN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		A	H	E	J	I	G	L	S	B	F	Z	Bi	N	M		Dynamic C _r	Static C _{or}			
UEFB 204-12	3/4	4.33	1.65	1.26	1.06	0.59	0.51	1.00	0.39	2.44	2.05	1.38	1.2992	0.5000	0.7205	5/16	2,883	1,496	UE 204-12	FB 204	1.5
UEFB 204	20	110.0	42.0	32.0	27.0	15.0	13.0	25.5	10.0	62.0	52.0	35.3	33.0	12.7	18.3	M8	12.82	6.65	UE 204		0.7
UEFB 205-14	7/8	4.57	1.77	1.34	1.06	0.63	0.51	1.06	0.39	2.68	2.20	1.47	1.3937	0.5630	0.7795	5/16	3,155	1,810	UE 205-14	FB 205	1.8
UEFB 205-15	15/16																		UE 205-15		0.8
UEFB 205	25																		UE 205		0.8
UEFB 205-16	1																		UE 205-16		
UEFB 206-17	1 1/16	5.12	1.97	1.58	1.14	0.71	0.51	1.22	0.39	3.11	2.56	1.66	1.5669	0.6260	0.8740	5/16	4,377	2,569	UE 206-17	FB 206	2.2
UEFB 206-18	1 1/8																		UE 206-18		1.0
UEFB 06	30																		UE 206		1.0
UEFB 206-19	1 3/16																		UE 206-19		1.0
UEFB 206-20	1 1/4																		UE 206-20		1.0
UEFB 207-20	1 1/4	5.67	2.17	1.81	1.26	0.75	0.59	1.34	0.39	3.54	2.76	1.78	1.7283	0.6890	1.0000	5/16	5,775	3,497	UE 207-20	FB 207	3.3
UEFB 207-21	1 5/16																		UE 207-21		1.5
UEFB 207-22	1 3/8																		UE 207-22		1.5
UEFB 207	35																		UE 207		1.5
UEFB 207-23	1 7/16																		UE 207-23		
UEFB 208-24	1 1/2	6.46	2.36	1.97	1.61	0.83	0.63	1.42	0.47	3.94	3.07	2.06	1.9764	0.7480	1.1890	3/8	6,634	4,079	UE 208-24	FB 208	4.2
UEFB 208-25	1 9/16																		UE 208-25		1.9
UEFB 208	40																		UE 208		1.9
UEFB 209-26	1 5/8	6.85	2.56	2.13	1.69	0.87	0.71	1.50	0.47	4.17	3.15	2.09	1.9764	0.7480	1.1890	3/8	7,160	4,676	UE 209-26	FB 209	4.6
UEFB 209-27	1 11/16																		UE 209-27		2.1
UEFB 209-28	1 3/4																		UE 209-28		2.1
UEFB 209	45																		UE 209		2.1
UEFB 210-30	1 7/8	7.24	2.68	2.28	1.81	0.87	0.71	1.57	0.47	4.41	3.39	2.19	2.0709	0.7480	1.2835	3/8	7,867	5,330	UE 210-30	FB 210	5.3
UEFB 210-31	1 15/16																		UE 210-31		2.4
UEFB 210	50																		UE 210		2.4
UEFB 210-32	2																		UE 210-32		



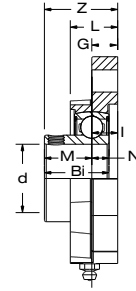
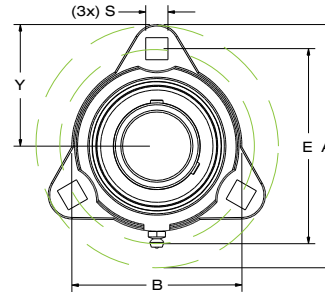
SBRFB 200 SERIES

Light-Duty 3-Bolt Flange Block
Setscrew Lock



Standard

Available Seal Style



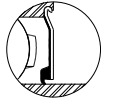
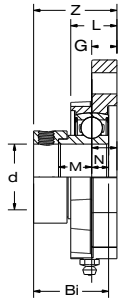
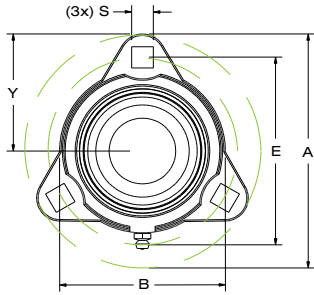
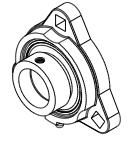
HOUSED UNITS

Bearing Number	Shaft Dia.	Dimensions in. mm.											Bolt Used	Load Rating		Bearing Insert	Housing Number	Wt.																
	d in. mm.	A	E	I	G	B	L	S	Z	Y	Bi	N		M	in. mm.				Dynamic C _r	Static C _{0r}	lbs. kN.	lbs. kg.												
SBRFB 204-12	3/4	3.56	2.811	0.44	0.44	2.64	0.79	0.34	1.01	1.78	1.2205	0.2756	0.5709	5/16	2,883	1,496	SB 204-12	RFB 204	0.9															
SBRFB 204	20	90.5	71.4	11.1	11.0	67.0	20.0	8.7	25.6	45.25	31.0	7.0	14.5	M6	12.82	6.65	SB 204		0.4															
SBRFB 205-14	7/8	3.75	3.000	0.41	0.43	2.87	0.79	0.34	0.98	1.87	1.2402	0.2953	0.5709	5/16	3,155	1,810	SB 205-14	RFB 205	1.1															
SBRFB 205-15	15/16																SB 205-15		0.5															
SBRFB 205	25																95.2		76.2	10.3	11.0	73.0	20.0	8.7	24.8	47.6	31.5	7.5	14.5	M6	14.04	8.05	SB 205	
SBRFB 205-16	1																SB 205-16																	
SBRFB206-17	1 1/16	4.45	3.563	0.47	0.47	2.99	0.87	0.41	1.09	2.22	1.4055	0.3150	0.6220	3/8	4,377	2,569	SB 206-17	RFB 206																
SBRFB 206-18	1 1/8																SB 206-18		1.3															
SBRFB 206	30																113.0		90.5	12.0	12.0	76.0	22.0	10.3	27.8	56.5	35.7	8.0	15.8	M8	19.47	11.43	SB 206	0.6
SBRFB 206-19	1 3/16																SB 206-19																	
SBRFB 206-20	1 1/4																SB 206-20																	
SBRFB 207-20	1 1/4	4.82	3.937	0.50	0.50	3.50	0.94	0.41	1.17	2.41	1.5315	0.3346	0.6654	3/8	5,775	3,497	SB 207-20	RFB 207																
SBRFB 207-21	1 5/16																SB 207-21		2.0															
SBRFB 207-22	1 3/8																122.5		100.0	12.7	13.0	89.0	24.0	10.3	29.6	61.3	38.9	8.5	16.9	M8	25.69	15.56	SB 207-22	0.9
SBRFB 207	35																SB 207																	
SBRFB 207-23	1 7/16																SB 207-23																	

NOTE: Standard units include a regreaseable bearing. Non-regreaseable bearings are available upon request.

SARFB 200 SERIES

Light-Duty 3-Bolt Flange Block
Eccentric Lock



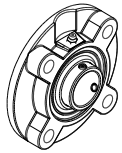
Standard

Available Seal Style

HOUSED UNITS

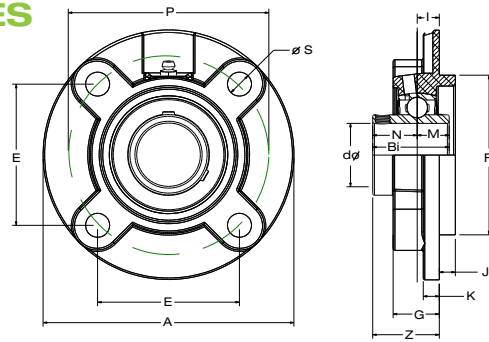
Bearing Insert	Shaft Dia.	Dimensions in.											Bolt Used	Load Rating		Bearing Insert	Housing Number	Wt.															
	d in.	mm.												Dynamic C _r	Static C _{or}				lbs.	kg.													
		A	E	I	G	B	L	S	Z	Y	Bi	N	M	in.																			
SARFB 204-12	3/4	3.56	2.811	0.44	0.44	2.64	0.79	0.34	1.15	1.78	0.9843	0.2756	0.7087	5/16	2,883	1,496	SA 204-12	RFB 204	0.9														
SARFB 204	20	90.5	71.4	11.1	11.0	67.0	20.0	8.7	29.1	45.25	25.0	7.0	18.0	M6	12.82	6.65	SA 204		0.4														
SARFB 205-14	7/8	3.75	3.000	0.41	0.43	2.87	0.79	0.34	1.17	1.87	1.0630	0.2953	0.7677	5/16	3,155	1,810	SA 205-14	RFB 205	1.1														
SARFB 205-15	15/16																SA 205-15		0.5														
SARFB 205	25																95.2		76.2	10.3	11.0	73.0	20.0	8.7	29.8	47.6	27.0	7.5	19.5	M6	14.04	8.05	SA 205
SARFB 205-16	1																SA 205-16																
SARFB 206-17	1 1/16	4.45	3.563	0.47	0.47	2.99	0.87	0.41	1.34	2.22	1.1811	0.3150	0.8661	3/8	4,377	2,569	SA 206-17	RFB 206	1.3														
SARFB 206-18	1 1/8																SA 206-18		0.6														
SARFB 206	30																113.0		90.5	12.0	12.0	76.0	22.0	10.3	34.0	56.5	30.0	8.0	22.0	M8	19.47	11.43	SA 206
SARFB 206-19	1 3/16																SA 206-19																
SARFB 206-20	1 1/4																SA 206-20																
SARFB 207-20	1 1/4	4.82	3.937	0.50	0.50	3.50	0.94	0.41	1.43	2.41	1.2598	0.3346	0.9252	3/8	5,775	3,497	SA 207-20	RFB 207	2.0														
SARFB 207-21	1 5/16																SA 207-21		0.9														
SARFB 207-22	1 3/8																122.5		100.0	12.7	13.0	89.0	24.0	10.3	36.2	61.3	32.0	8.5	23.5	M8	25.69	15.56	SA 207-22
SARFB 207	35																SA 207																
SARFB 207-23	1 7/16																SA 207-23																

NOTE: Standard units include a regreaseable bearing. Non-regreaseable bearings are available upon request.

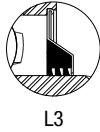


UCFCS 200 SERIES

Normal-Duty Flange Cartridge
Setscrew Lock
(Inch-Based Housing)



Available Seal Styles:



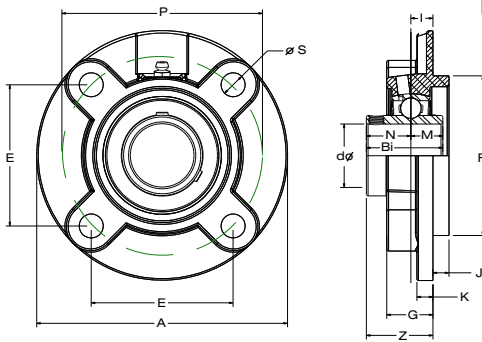
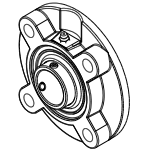
HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.													Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		A	P	E	I	S	J	K	G	F*	Z	Bi	N	M		Dynamic C _r	Static C _{or}			
UCFCS 206-17	1 1/16	4.38 111.0	3.625 92.1	2.56 65.0	0.39 9.9	0.47 12.0	0.25 6.1	0.38 9.4	0.94 23.9	3.000 76.2	1.27 32.3	1.5000 38.1	0.6260 15.9	0.8740 22.2	3/8 M10	4,377 19.47	2,569 11.43	UC 206-17	FCS 206	2.6 1.2
UCFCS 206-18	1 1/8																			
UCFCS 206	30																			
UCFCS 206-19	1 3/16																			
UCFCS 206-20	1 1/4																			
UCFCS 207-20	1 1/4	5.00 127.0	4.125 104.2	2.94 74.0	0.31 7.9	0.47 12.0	0.38 9.4	0.38 9.4	0.88 22.6	3.375 85.7	1.31 33.3	1.6890 42.9	0.6890 17.5	1.0000 25.4	3/8 M10	5,775 25.69	3,497 15.56	UC 207-20	FCS 207	3.5 1.6
UCFCS 207-21	1 5/16																			
UCFCS 207-22	1 3/8																			
UCFCS 207	35																			
UCFCS 207-23	1 7/16																			
UCFCS 208-24	1 1/2	5.25 133.4	4.375 111.1	3.09 78.0	0.35 8.9	0.47 12.0	0.44 10.9	0.44 10.9	1.02 25.9	3.625 92.1	1.54 39.1	1.9370 49.2	0.7480 19.0	1.1890 30.2	7/16 M10	6,634 29.51	4,079 18.14	UC 208-24	FCS 208	4.4 2.0
UCFCS 208-25	1 9/16																			
UCFCS 208	40																			
UCFCS 209-26	1 5/8	5.25 133.4	4.375 111.1	3.09 78.0	0.35 8.9	0.56 14.0	0.44 10.9	0.44 10.9	0.98 24.9	4.250 108.0	1.54 39.1	1.9370 49.2	0.7480 19.0	1.1890 30.2	1/2 M12	7,160 31.85	4,676 20.80	UC 209-26	FCS 209	4.8 2.2
UCFCS 209-27	1 11/16																			
UCFCS 209-28	1 3/4																			
UCFCS 209	45																			
UCFCS 210-30	1 7/8	6.13 155.4	5.125 130.2	3.63 92.0	0.31 7.9	0.50 14.0	0.47 11.9	0.44 10.9	0.98 24.9	4.250 108.0	1.59 40.4	2.0315 51.6	0.7480 19.0	1.2835 32.6	1/2 M12	7,867 35.00	5,330 23.71	UC 210-30	FCS 210	5.9 2.7
UCFCS 210-31	1 15/16																			
UCFCS 210	50																			
UCFCS 210-32	2																			
UCFCS 211-32	2	6.38 162.1	5.375 136.5	3.81 97.0	0.28 7.1	0.50 14.0	0.63 16.0	0.44 10.9	1.02 25.9	4.500 114.3	1.59 40.4	2.1890 55.6	0.8740 22.2	1.3150 33.4	1/2 M12	9,743 43.34	6,608 29.40	UC 211-32	FCS 211	7.3 3.3
UCFCS 211-34	2 1/8																			
UCFCS 211	55																			
UCFCS 211-35	2 3/16																			
UCFCS 212-36	2 1/4	7.13 180.8	6.000 152.4	4.25 108.0	0.16 4.1	0.56 14.0	0.88 22.1	0.50 13.0	1.02 25.9	5.000 127.0	1.72 43.7	2.5630 65.1	1.0000 25.4	1.5630 39.7	1/2 M12	10,720 47.69	7,516 33.43	UC 212-36	FCS 212	9.7 4.4
UCFCS 212	60																			
UCFCS 212-38	2 3/8																			
UCFCS 212-39	2 7/16																			
UCFCS 213-40	2 1/2	7.63 193.7	6.500 165.1	4.63 117.0	0.43 10.9	0.56 14.0	0.79 20.1	0.56 14.0	1.30 33.0	5.500 139.7	2.00 50.8	2.5630 65.1	1.0000 25.4	1.5630 39.7	1/2 M12	12,859 57.20	8,994 40.01	UC 213-40	FCS 213	11.9 5.4
UCFCS 213	65																			
UCFCS 214-43	2 11/16	7.63 193.7	6.500 165.1	4.62 117.0	0.43 10.9	0.56 14.0	0.79 20.1	0.56 14.0	1.31 33.3	5.500 139.7	2.18 55.4	2.9370 74.6	1.1890 30.2	1.7480 44.4	1/2 M12	13,981 62.19	9,869 43.90	UC 214-43	FCS 214	13.2 6.0
UCFCS 214-44	2 3/4																			
UCFCS 214	70																			
UCFCS 215-47	2 15/16	8.75 222.3	7.500 190.5	5.28 134.0	0.55 14.0	0.69 18.0	0.79 20.1	0.63 16.0	1.42 36.1	6.375 161.9	2.30 58.4	3.0630 77.8	1.3110 33.3	1.7520 44.5	5/8 M16	14,974 66.61	10,757 47.85	UC 215-47	FCS 215	15.4 7.0
UCFCS 215	75																			
UCFCS 215-48	3																			

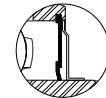
*Tolerance +0.000" / -0.002"

UCFCSX 00 SERIES

Medium-Duty Flange Cartridge
Setscrew Lock
(Inch-Based Housing)



Available Seal Styles:



Standard



L3

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.												Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.			
		A	P	E	I	S	J	K	G	F*	Z	Bi	N		M	Dynamic C _r				Static C _{0r}		
UCFCSX 05-14 †	7/8																		UCX 05-14			
UCFCSX 05-15 †	15/16	4.38	3.625	2.56	0.39	0.47	0.25	0.38	0.94	3.000	1.27	1.5000	0.6260	0.8740	3/8	4,377	2,569	UCX 05-15	FCS 206	2.6	1.2	
UCFCSX 05 †	25	111.0	92.1	65.0	9.9	12.0	6.1	9.4	23.9	76.2	32.3	38.1	15.9	22.2	M10	19.47	11.43	UCX 05				
UCFCSX 05-16 †	1																	UCX 05-16				
UCFCSX 06-18 †	1 1/8																		UCX 06-18			
UCFCSX 06 †	30	5.00	4.125	2.94	0.31	0.47	0.38	0.38	0.88	3.375	1.31	1.6890	0.6890	1.0000	3/8	5,775	3,497	UCX 06	FCS 207	3.5	1.6	
UCFCSX 06-19 †	1 3/16	127.0	104.8	74.0	7.9	12.0	9.4	9.4	22.6	85.7	33.3	42.9	17.5	25.4	M10	25.69	15.56	UCX 06-19				
UCFCSX 06-20 †	1 1/4																	UCX 06-20				
UCFCSX 07-22 †	1 3/8																		UCX 07-22			
UCFCSX 07 †	35	5.25	4.375	3.09	0.35	0.47	0.44	0.44	1.02	3.625	1.54	1.9370	0.7480	1.1890	7/16	6,634	4,079	UCX 07	FCS 208	4.4	2.0	
UCFCSX 07-23 †	1 7/16	133.4	111.1	78.0	8.9	12.0	10.9	10.9	25.9	92.1	39.1	49.2	19.0	30.2	M10	29.51	18.14	UCX 07-23				
UCFCSX 08-24 †	1 1/2	5.25	4.375	3.09	0.35	0.55	0.44	0.44	0.98	4.250	1.54	1.9370	0.7480	1.1890	1/2	7,160	4,676	UCX 08-24				
UCFCSX 08 †	40	133.4	111.1	78.0	8.9	14.0	10.9	10.9	24.9	108.0	39.1	49.2	19.0	30.2	M12	31.85	20.80	UCX 08	FCS 209	4.8	2.2	
UCFCSX 09-26 †	1 5/8																		UCX 09-26			
UCFCSX 09-27 †	1 11/16	6.13	5.125	3.63	0.31	0.55	0.47	0.44	0.98	4.250	1.59	2.0315	0.7480	1.2890	1/2	7,867	5,330	UCX 09-27	FCS 210	5.9	2.7	
UCFCSX 09-28 †	1 3/4	155.4	130.2	92.0	7.9	14.0	11.9	10.9	24.9	108.0	40.4	51.6	19.0	32.6	M12	35.00	23.71	UCX 09-28				
UCFCSX 09 †	45																	UCX 09				
UCFCSX 10-30 †	1 7/8																		UCX 10-30			
UCFCSX 10-31 †	1 15/16	6.38	5.375	3.81	0.28	0.55	0.63	0.44	1.02	4.500	1.59	2.1890	0.8740	1.3150	1/2	9,743	6,608	UCX 10-31	FCS 211	7.3	3.3	
UCFCSX 10 †	50	162.1	136.5	97.0	7.1	14.0	16.0	10.9	25.9	114.3	40.4	55.6	22.2	33.4	M12	43.34	29.40	UCX 10				
UCFCSX 10-32 †	2																	UCX 10-32				
UCFCSX 11-34 †	2 1/8																		UCX 11-34			
UCFCSX 11 †	55	7.13	6.000	4.25	0.16	0.55	0.88	0.50	1.02	5.000	1.72	2.5630	1.0000	1.5630	1/2	10,720	7,516	UCX 11	FCS 212	9.7	4.4	
UCFCSX 11-35 †	2 3/16	180.8	152.4	108.0	4.1	14.0	22.1	13.0	25.9	127.0	43.7	65.1	25.4	39.7	M12	47.69	33.43	UCX 11-35				
UCFCSX 11-36 †	2 1/4																	UCX 11-36				
UCFCSX 12 †	60	7.63	6.500	4.63	0.43	0.55	0.79	0.56	1.30	5.500	2.00	2.5630	1.0000	1.5630	1/2	12,859	8,994	UCX 12	FCS 213	11.9	5.4	
UCFCSX 12-38 †	2 3/8	193.7	165.1	117.0	10.9	14.0	20.1	14.0	33.0	139.7	50.8	65.1	25.4	39.7	M12	57.20	40.01	UCX 12-38				
UCFCSX 12-39 †	2 7/16																	UCX 12-39				
UCFCSX 13-40 †	2 1/2	7.63	6.500	5.28	0.43	0.55	0.79	0.56	1.31	5.500	2.18	2.9370	1.1890	1.7480	1/2	13,981	9,869	UCX 13-40	FCS 214	13.2	6.0	
UCFCSX 13 †	65	193.7	165.1	134.0	10.9	14.0	20.1	14.0	33.3	139.7	55.4	74.6	30.2	44.4	M12	62.19	43.90	UCX 13				
UCFCSX 14-43 †	2 11/16	8.75	7.500	5.28	0.55	0.69	0.79	0.63	1.42	6.375	2.30	3.0630	1.3110	1.7520	5/8	14,974	10,757	UCX 14-43	FCS 215	15.4	7.0	
UCFCSX 14 †	70	222.3	190.5	134.0	14.0	18.0	20.1	16.0	36.1	161.9	58.4	77.8	33.3	44.5	M16	66.61	47.85	UCX 14				
UCFCSX 15-47	2 15/16	8.75	7.500	5.28	0.47	0.69	0.87	0.63	1.38	6.375	2.41	3.2520	1.3110	1.9409	5/8	16,325	11,992	UCX 15-47	FCSX15	17.6	8.0	
UCFCSX 15	75	222.3	190.5	134.0	11.9	18.0	22.1	16.0	35.1	161.9	61.2	82.6	33.3	49.3	M16	72.62	53.35	UCX 15				
UCFCSX 15-48	3																	UCX 15-48				
UCFCSX 17	85	10.25	8.625	6.13	0.39	0.81	0.98	0.75	1.42	7.375	2.59	3.7795	1.5630	2.2165	3/4	21,546	14,509	UCX 17	FCSX17	28.4	12.9	
UCFCSX 17-55	3 7/16	260.1	218.9	155.0	9.9	21.0	24.9	19.1	36.1	187.3	66.2	96.0	39.7	56.3	M18	95.84	64.54	UCX 17-55				
UCFCSX 17-56	3 1/2																	UCX 17-56				
UCFCSX 20	100	10.88	9.375	6.63	0.87	0.91	1.10	0.88	2.60	8.125	3.25	4.6260	1.9370	2.3740	3/4	29,339	23,141	UCX 20	FCSX20	40.7	18.5	
UCFCSX 20-63	3 15/16	276.0	238.0	168.0	22.0	23.0	28.0	22.0	66.0	206.4	82.3	117.5	49.2	60.3	M20	130.51	102.94	UCX 20-63				
UCFCSX 20-64	4																	UCX 20-64				

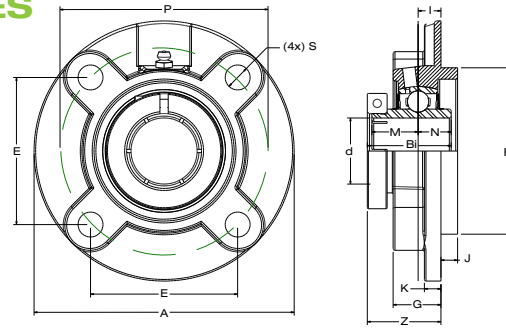
† See page 40

*Tolerance +0.000" / -0.002"

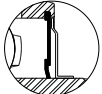


UEFCFS 200 SERIES

Normal-Duty Flange Cartridge
Tru-Loc
(Inch-Based Housing)



Available Seal Styles:



Standard



L3

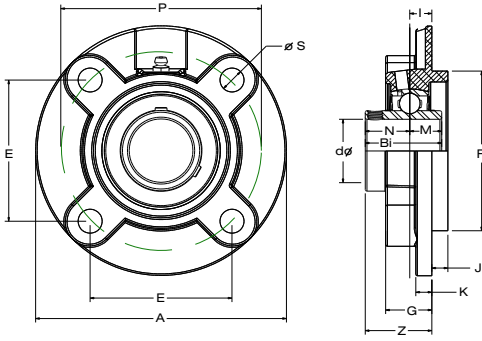
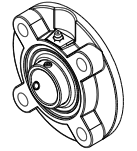
HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.													Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.	
		A	P	E	I	S	J	K	G	F*	Z	Bi	N	M		Dynamic C _r	Static C _{or}				
UEFCFS 206-17	1 1/16																		UE 206-17	FCS 206	2.6 1.2
UEFCFS 206-18	1 1/8																	UE 206-18			
UEFCFS 206	30	4.38	3.625	2.56	0.39	0.47	0.25	0.38	0.94	3.000	1.19	1.5669	0.6260	0.8740	3/8	4,377	2,569	UE 206			
UEFCFS 206-19	1 3/16	111.0	92.1	65.0	9.9	12.0	6.1	9.4	23.9	76.2	30.2	39.8	15.9	22.2	M10	19.47	11.43	UE 206-19			
UEFCFS 206-20	1 1/4																	UE 206-20			
UEFCFS 207-20	1 1/4																	UE 207-20	FCS 207	3.5 1.6	
UEFCFS 207-21	1 5/16																	UE 207-21			
UEFCFS 207-22	1 3/8	5.00	4.125	2.94	0.31	0.47	0.38	0.38	0.88	3.375	1.13	1.7283	0.6890	1.0000	3/8	5,775	3,497	UE 207-22			
UEFCFS 207	35	127.0	104.8	74.0	7.9	12.0	9.4	9.4	22.6	85.7	29.0	43.9	17.5	25.4	M10	25.69	15.56	UE 207			
UEFCFS 207-23	1 7/16																	UE 207-23			
UEFCFS 208-24	1 1/2																	UE 208-24	FCS 208	4.4 2.0	
UEFCFS 208-25	1 9/16																	UE 208-25			
UEFCFS 208	40	5.25	4.375	3.09	0.35	0.47	0.44	0.44	1.02	3.625	1.28	1.9764	0.7480	1.1890	7/16	6,634	4,079	UE 208			
UEFCFS 209-26	1 5/8																	UE 209-26	FCS 209	4.8 2.2	
UEFCFS 209-27	1 11/16																	UE 209-27			
UEFCFS 209-28	1 3/4	5.25	4.375	3.09	0.35	0.55	0.44	0.44	0.98	4.250	1.38	1.9764	0.7480	1.1890	1/2	7,160	4,676	UE 209-28			
UEFCFS 209	45	133.4	111.1	78.0	8.9	14.0	10.9	10.9	24.9	108.0	35.3	50.2	19.0	30.2	M12	31.85	20.80	UE 209			
UEFCFS 210-30	1 7/8																	UE 210-30	FCS 210	5.9 2.7	
UEFCFS 210-31	1 15/16																	UE 210-31			
UEFCFS 210	50	6.13	5.125	3.63	0.31	0.55	0.47	0.44	0.98	4.250	1.53	2.0709	0.7480	1.2835	1/2	7,867	5,330	UE 210			
UEFCFS 210-32	2	155.4	130.2	92.0	7.9	14.0	11.9	10.9	24.9	108.0	39.1	52.6	19.0	32.6	M12	35.00	23.71	UE 210-32			
UEFCFS 211-32	2																	UE 211-32	FCS 211	7.3 3.3	
UEFCFS 211-34	2 1/8																	UE 211-34			
UEFCFS 211	55	6.38	5.375	3.81	0.28	0.55	0.63	0.44	1.02	4.500	1.50	2.2283	0.8740	1.3150	1/2	9,743	6,608	UE 211			
UEFCFS 211-35	2 3/16	162.1	136.5	97.0	7.1	14.0	16.0	10.9	25.9	114.3	38.3	56.6	22.2	33.4	M12	43.34	29.40	UE 211-35			
UEFCFS 212-36	2 1/4																	UE 212-36	FCS 212	9.7 4.4	
UEFCFS 212	60	7.13	6.000	4.25	0.16	0.55	0.88	0.50	1.02	5.000	1.47	2.6220	1.0000	1.5630	1/2	10,720	8,994	UE 212			
UEFCFS 212-38	2 3/8	180.8	152.4	108.0	4.1	14.0	22.1	13.0	25.9	127.0	37.7	66.6	25.4	39.7	M12	47.69	40.01	UE 212-38			
UEFCFS 212-39	2 7/16																	UE 212-39			

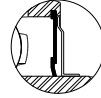
*Tolerance +0.000" / -0.002"

UCFC 200 SERIES

**Normal-Duty Flange Cartridge
Setscrew Lock**
(Metric-Based Housing)



Available Seal Styles:



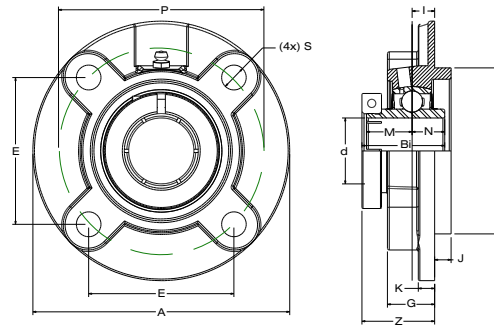
Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.													Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.																			
		A	P	E	I	S	J	K	G	F*	Z	Bi	N	M		Dynamic Cr	Static Cor																						
UCWFC 201	12																																						
UCWFC 201-8	1/2	3.54	2.76	1.95	0.39	0.39	0.16	0.20	0.75	2.17	1.02	1.0787	0.3937	0.6260	5/16	2,147	1,075	UCW 201																					
UCWFC 202	15	90.0	70.0	49.5	10.0	10.0	4.0	5.0	19.0	55.0	25.9	27.4	10.0	15.9	M8	9.55	4.78	UCW 201-8																					
UCWFC 202-10	5/8																	UCW 202																					
UCWFC 203	17																	UCW 202-10																					
UCFC 204-12	3/4	3.94	3.071	2.17	0.39	0.47	0.20	0.24	0.81	2.441	1.11	1.2205	0.5000	0.7205	3/8	2,883	1,496	UC 204-12																					
UCFC 204	20	100.0	78.0	55.1	10.0	12.0	5.0	6.0	20.5	62.0	28.3	31.0	12.7	18.3	M10	12.82	6.65	UC 204																					
UCFC 205-14	7/8																	UC 205-14																					
UCFC 205-15	15/16	4.53	3.54	2.50	0.39	0.47	0.24	0.28	0.83	2.76	1.17	1.3425	0.5630	0.7795	3/8	3,155	1,810	UC 205-15																					
UCFC 205	25	115.0	90.0	63.6	10.0	12.0	6.0	7.0	21.0	70.0	29.8	34.1	14.3	19.8	M10	14.03	8.05	UC 205																					
UCFC 205-16	1																	UC 205-16																					
UCFC 206-17	1 1/16																	UC 206-17																					
UCFC 206-18	1 1/8	4.92	3.94	2.78	0.39	0.47	0.31	0.31	0.91	3.15	1.27	1.5000	0.6260	0.8740	3/8	4,377	2,569	UC 206-18																					
UCFC 206	30	125.0	100.0	70.7	10.0	12.0	8.0	8.0	23.0	80.0	32.2	38.1	15.9	22.2	M10	19.47	11.43	UC 206																					
UCFC 206-19	1 3/16																	UC 206-19																					
UCFC 206-20	1 1/4																	UC 206-20																					
UCFC 207-20	1 1/4																	UC 207-20																					
UCFC 207-21	1 5/16	5.31	4.33	3.06	0.43	0.55	0.31	0.35	1.02	3.54	1.43	1.6890	0.6890	1.0000	1/2	5,775	3,497	UC 207-21																					
UCFC 207-22	1 3/8	135.0	110.0	77.8	11.0	14.0	8.0	9.0	26.0	90.0	36.4	42.9	17.5	25.4	M12	25.69	15.56	UC 207-22																					
UCFC 207	35																	UC 207																					
UCFC 207-23	1 7/16																	UC 207-23																					
UCFC 208-24	1 1/2	5.71	4.72	3.34	0.43	0.55	0.39	0.35	1.02	3.94	1.62	1.9370	0.7480	1.1890	1/2	6,634	4,079	UC 208-24																					
UCFC 208-25	1 9/16	145.0	120.0	84.8	11.0	14.0	10.0	9.0	26.0	100.0	41.2	49.2	19.0	30.2	M12	29.51	18.15	UC 208-25																					
UCFC 208	40																	UC 208																					
UCFC 209-26	1 5/8																	UC 209-26																					
UCFC 209-27	1 11/16	6.30	5.20	3.67	0.39	0.63	0.47	0.39	1.02	4.13	1.58	1.9370	0.7480	1.1890	9/16	7,160	4,676	UC 209-27																					
UCFC 209-28	1 3/4	160.0	132.0	93.3	10.0	16.0	12.0	10.1	26.0	105.0	40.2	49.2	19.0	30.2	M14	31.85	20.80	UC 209-28																					
UCFC 209	45																	UC 209																					
UCFC 210-30	1 7/8																	UC 210-30																					
UCFC 210-31	1 15/16	6.50	5.43	3.84	0.39	0.63	0.47	0.55	1.10	4.33	1.68	2.0315	0.7480	1.2835	9/16	7,867	5,330	UC 210-31																					
UCFC 210	50	165.0	138.0	97.6	10.0	16.0	12.0	14.0	28.0	110.0	42.6	51.6	19.0	32.6	M14	35.00	23.71	UC 210																					
UCFC 210-32	2																	UC 210-32																					
UCFC 211-32	2 1/8																	UC 211-32																					
UCFC 211-34	2 1/8	7.28	5.91	4.18	0.51	0.75	0.47	0.55	1.18	4.92	1.83	2.1890	0.8740	1.3150	5/8	9,743	6,608	UC 211-34																					
UCFC 211	55	185.0	150.0	106.1	13.0	19.0	12.0	14.0	30.0	125.0	46.4	55.6	22.2	33.4	M16	43.34	29.40	UC 211																					
UCFC 211-35	2 3/16																	UC 211-35																					
UCFC 212-36	2 1/4																	UC 212-36																					
UCFC 212	60	7.68	6.30	4.45	0.67	0.75	0.47	0.59	1.38	5.32	2.23	2.5630	1.0000	1.5630	5/8	10,720	7,516	UC 212																					
UCFC 212-38	2 3/8	195.0	160.0	113.1	17.0	19.0	12.0	15.0	35.0	135.0	56.7	65.1	25.4	39.7	M16	47.69	33.43	UC 212-38																					
UCFC 212-39	2 7/16																	UC 212-39																					
UCFC 213-40	2 1/2	8.07	6.69	4.73	0.63	0.75	0.55	0.59	1.42	5.71	2.19	2.5630	1.0000	1.5630	5/8	12,859	8,994	UC 213-40																					
UCFC 213	65	205.0	170.0	120.2	16.0	19.0	14.0	15.0	36.0	145.0	55.7	65.1	25.4	39.7	M16	57.20	40.01	UC 213																					
UCFC 214-43	2 11/16	8.46	6.97	4.93	0.67	0.75	0.55	0.63	1.50	5.91	2.42	2.9370	1.1890	1.7480	5/8	13,981	9,869	UC 214-43																					
UCFC 214-44	2 3/4	215.0	177.0	125.1	17.0	19.0	14.0	16.0	38.0	150.0	61.4	74.6	30.2	44.4	M16	62.19	43.90	UC 214-44																					
UCFC 214	70																	UC 214																					
UCFC 215-47	2 15/16	8.66	7.24	5.12	0.71	0.75	0.63	0.67	1.54	6.30	2.46	3.0630	1.3110	1.7520	5/8	14,974	10,757	UC 215-47																					
UCFC 215	75	220.0	184.0	130.1	18.0	19.0	16.0	17.0	39.0	160.0	62.5	77.8	33.3	44.5	M16	66.61	47.85	UC 215																					
UCFC 215-48	3																	UC 215-48																					

*Tolerance +0.000" / -0.002"

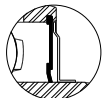


UEFC 200 SERIES

Normal-Duty Flange Cartridge
Tru-Loc
(Metric-Based Housing)



Available Seal Styles:



Standard



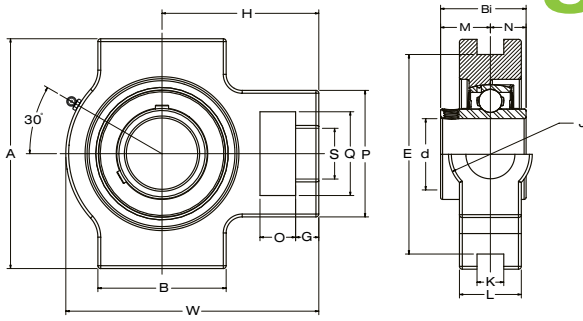
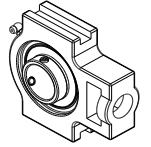
L3

HOUSED UNITS

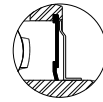
Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.													Bolt Used in. mm.	Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		A	P	E	I	S	J	K	G	F	Z	Bi	N	M		Dynamic C _r	Static C _{0r}			
UEFC 204-12 UEFC 204	3/4 20	3.94 100.0	3.07 78.0	2.17 55.1	0.39 10.0	0.47 12.0	0.20 5.0	0.24 6.0	0.81 20.5	2.44 62.0	1.11 30.3	1.2992 33.0	0.5000 12.7	0.7205 18.3	3/8 M10	2,883 12.82	1,496 6.65	UE 204-12 UE 204	FC 204	1.7 0.8
UEFC 205-14 UEFC 205-15 UEFC 205	7/8 15/16 25	4.53 115.0	3.54 90.0	2.50 63.6	0.39 10.0	0.47 12.0	0.24 6.0	0.28 7.0	0.83 21.0	2.76 70.0	1.22 31.1	1.3937 35.4	0.5630 14.3	0.7795 19.8	3/8 M10	3,155 14.03	1,810 8.05	UE 205-14 UE 205-15 UE 205	FC 205	2.2 1.0
UEFC 205-16	1																	UE 205-16		
UEFC 206-17 UEFC 206-18 UEFC 206	1 1/16 1 1/8 30	4.92 125.0	3.94 100.0	2.78 70.7	0.39 10.0	0.47 12.0	0.31 8.0	0.31 8.0	0.91 23.0	3.15 80.0	1.34 33.9	1.5669 39.8	0.6260 15.9	0.8740 22.2	3/8 M10	4,377 19.47	2,569 11.43	UE 206-17 UE 206-18 UE 206	FC 206	2.9 1.3
UEFC 206-19 UEFC 206-20	1 3/16 1 1/4																	UE 206-19 UE 206-20		
UEFC 207-20 UEFC 207-21 UEFC 207-22 UEFC 207	1 1/4 1 5/16 1 3/8 35	5.31 135.0	4.33 110.0	3.06 77.8	0.43 11.0	0.55 14.0	0.31 8.0	0.35 9.0	1.02 26.0	3.54 90.0	1.47 37.4	1.7283 43.9	0.6890 17.5	1.0000 25.4	1/2 M12	5,775 25.69	3,497 15.56	UE 207-20 UE 207-21 UE 207-22 UE 207	FC 207	3.9 1.8
UEFC 207-23	1 7/16																	UE 207-23		
UEFC 208-24 UEFC 208-25 UEFC 208	1 1/2 1 9/16	5.71 145.0	4.72 120.0	3.34 84.8	0.43 11.0	0.55 14.0	0.39 10.0	0.35 9.0	1.02 26.0	3.94 100.0	1.66 42.2	1.9764 50.2	0.7480 19.0	1.1890 30.2	1/2 M12	6,634 29.51	4,079 18.15	UE 208-24 UE 208-25 UE 208	FC 208	4.6 2.1
UEFC 209-26 UEFC 209-27 UEFC 209-28 UEFC 209	1 5/8 1 11/16 1 3/4 45	6.30 160.0	5.20 132.0	3.67 93.3	0.39 10.0	0.63 16.0	0.47 12.0	0.39 10.0	1.02 26.0	4.13 105.0	1.63 41.2	1.9764 50.2	0.7480 19.0	1.1890 30.2	9/16 M14	7,160 31.85	4,676 20.80	UE 209-26 UE 209-27 UE 209-28 UE 209	FC 209	5.7 2.6
UEFC 210-30 UEFC 210-31 UEFC 210	1 7/8 1 15/16 50	6.50 165.0	5.43 138.0	3.84 97.6	0.39 10.0	0.63 16.0	0.47 12.0	0.55 14.0	1.10 28.0	4.33 110.0	1.72 43.6	2.0709 52.6	0.7480 19.0	1.2835 32.6	9/16 M14	7,867 35.00	5,330 23.71	UE 210-30 UE 210-31 UE 210	FC 210	6.8 3.1
UEFC 210-32	2																	UE 210-32		
UEFC 211-32 UEFC 211-34 UEFC 211	2 2 1/8 55	7.28 185.0	5.91 150.0	4.18 106.1	0.51 13.0	0.75 19.0	0.47 12.0	0.55 14.0	1.18 30.0	4.92 125.0	1.88 47.4	2.2283 56.6	0.8740 22.2	1.3150 33.4	5/8 M16	9,743 43.34	6,608 29.40	UE 211-32 UE 211-34 UE 211	FC 211	9.0 4.1
UEFC 211-35	2 3/16																	UE 211-35		
UEFC 212-36 UEFC 212 UEFC 212-38 UEFC 212-39	2 1/4 60 2 3/8 2 7/16	7.68 195.0	6.30 160.0	4.45 113.1	0.67 17.0	0.75 19.0	0.47 12.0	0.59 15.0	1.38 35.0	5.32 135.0	2.31 58.2	2.6220 66.6	1.0000 25.4	1.5630 39.7	5/8 M16	10,720 47.69	7,516 33.43	UE 212-36 UE 212 UE 212-38 UE 212-39	FC 212	11.0 5.0

UCST 200 SERIES

Normal-Duty Ball Take-up Unit
Setscrew Lock



Available Seal Styles:



Standard

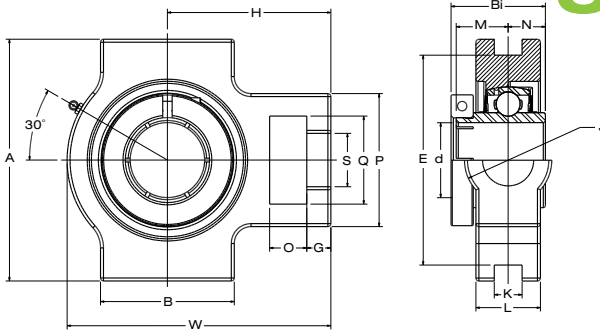
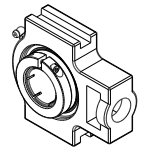


L3

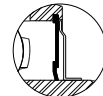
Bearing Number	Shaft Dia. d in. / mm	Dimensions in. / mm															Load Rating lbs. / kN		Bearing Insert	Housing Number	Wt. lbs. / kg.								
		O	G	P	Q	S	B	K	E	A	W	J	L	H	Bi	N	M	Dynamic C _r				Static C _{or}							
UCST 201	12																										UC 201 UC 201-8 UC 202 UC 202-10 UC 203 UC 204-12 UC 204	ST 204	1.5 0.7
UCST 201-8	1/2																												
UCST 202	15	0.63	0.39	2.00	1.25	0.75	2.00	0.53	3.00	3.50	3.69	1.25	0.84	2.38	1.2205	0.5000	0.7205	2,883	1,496										
UCST 202-10	5/8	16.0	10.0	51.0	32.0	19.0	51.0	13.5	76.2	89.0	94.0	32.0	21.0	60.0	31.0	12.7	18.3	12.82	6.65										
UCST 203	17																												
UCST 204-12 UCST 204	3/4 20																												
UCST 205-14	7/8																										UC 205-14 UC 205-15 UC 205 UC 205-16	ST 205	1.8 0.8
UCST 205-15	15/16	0.63	0.39	2.00	1.25	0.75	2.00	0.53	3.00	3.50	3.84	1.25	0.94	2.44	1.3425	0.5630	0.7795	3,155	1,810										
UCST 205	25	16.0	10.0	51.0	32.0	19.0	51.0	13.5	76.2	89.0	97.0	32.0	24.0	62.0	34.1	14.3	19.8	14.04	8.05										
UCST 205-16	1																												
UCST 206-17	1 1/16																												
UCST 206-18	1 1/8	0.63	0.39	2.19	1.47	0.88	2.25	0.53	3.50	4.00	4.44	1.47	1.13	2.75	1.5000	0.6260	0.8740	4,377	2,569								UC 206-17 UC 206-18 UC 206 UC 206-19 UC 206-20	ST 206	2.9 1.3
UCST 206	30	16.0	10.0	56.0	37.0	22.0	57.0	13.5	89.0	102.0	113.0	37.0	28.0	70.0	38.1	15.9	22.2	19.47	11.43										
UCST 206-19	1 3/16																												
UCST 206-20	1 1/4																												
UCST 207-20	1 1/4																										UC 207-20 UC 207-21 UC 207-22 UC 207 UC 207-23	ST 207	3.5 1.6
UCST 207-21	1 5/16	0.63	0.50	2.50	1.47	0.88	2.50	0.53	3.50	4.00	5.06	1.47	1.19	3.06	1.6890	0.6890	1.0000	5,775	3,497										
UCST 207-22	1 3/8	16.0	13.0	64.0	37.0	22.0	64.0	13.5	89.0	102.0	129.0	37.0	30.0	78.0	42.9	17.5	25.4	25.69	15.56										
UCST 207	35																												
UCST 207-23	1 7/16																												
UCST 208-24	1 1/2	0.75	0.63	3.25	1.94	1.13	3.25	0.69	4.00	4.50	5.69	1.94	1.31	3.50	1.9370	0.7480	1.1890	6,634	4,079								UC 208-24 UC 208-25 UC 208	ST 208	5.5 2.5
UCST 208-25	1 9/16	19.0	16.0	83.0	49.0	29.0	83.0	17.5	101.6	114.0	144.0	49.0	33.0	89.0	49.2	19.0	30.2	29.51	18.14										
UCST 208	40																												
UCST 209-26	1 5/8																										UC 209-26 UC 209-27 UC 209-28 UC 209	ST 209	5.5 2.5
UCST 209-27	1 11/16	0.75	0.63	3.25	1.94	1.13	3.25	0.69	4.00	4.63	5.69	1.94	1.38	3.44	1.9370	0.7480	1.1890	7,160	4,676										
UCST 209-28	1 3/4	19.0	16.0	83.0	49.0	29.0	83.0	17.5	101.6	117.0	144.0	49.0	35.0	87.0	49.2	19.0	30.2	31.85	20.80										
UCST 209	45																												
UCST 210-30	1 7/8																												
UCST 210-31	1 15/16	0.75	0.63	3.25	1.94	1.13	3.38	0.69	4.00	4.63	5.88	1.94	1.47	3.56	2.0315	0.7480	1.2835	7,867	5,330								UC 210-30 UC 210-31 UC 210 UC 210-32	ST 210	5.7 2.6
UCST 210	50	19.0	16.0	83.0	49.0	29.0	86.0	17.5	101.6	117.0	149.0	49.0	37.0	90.0	51.6	19.0	32.6	35.00	23.71										
UCST 210-32	2																												
UCST 211-32	2																										UC 211-32 UC 211-34 UC 211 UC 211-35	ST 211	9.2 4.2
UCST 211-34	2 1/8	0.98	0.75	4.00	2.50	1.38	3.75	1.06	5.13	5.75	6.75	2.50	1.50	4.18	2.1890	0.8740	1.3150	9,743	6,608										
UCST 211	55	25.0	19.0	102.0	64.0	35.0	95.0	27.0	130.0	146.0	171.0	64.0	38.0	106.0	55.6	22.2	33.4	43.34	29.40										
UCST 211-35	2 3/16																												
UCST 212-36	2 1/4																										UC 212-36 UC 212 UC 212-38 UC 212-39	ST 212	11.2 5.1
UCST 212	60	1.25	0.75	4.00	2.50	1.38	4.00	1.06	5.13	5.75	7.63	2.50	1.65	4.69	2.5630	1.0000	1.5630	10,720	7,516										
UCST 212-38	2 3/8	32.0	19.0	102.0	64.0	35.0	102.0	27.0	130.0	146.0	194.0	64.0	42.0	119.0	65.1	25.4	39.7	47.69	33.43										
UCST 212-39	2 7/16																												
UCST 213-40	2 1/2	1.25	0.81	4.38	2.75	1.63	4.75	1.06	5.94	6.56	8.83	2.75	1.75	5.38	2.5630	1.0000	1.5630	12,859	8,869										
UCST 213	65	32.0	21.0	111.0	70.0	41.0	121.0	27.0	151.0	167.0	224.0	70.0	44.0	137.0	65.1	25.4	39.7	57.20	43.90								UC 213-40 UC 213 UC 214-43 UC 214-44 UC 214	ST 213	15.4 7.0
UCST 214-43	2 11/16	1.25	0.81	4.38	2.75	1.63	4.75	1.06	5.94	6.56	8.83	2.75	1.81	5.38	2.9370	1.1890	1.7480	13,981	9,869										
UCST 214-44	2 3/4	32.0	21.0	111.0	70.0	41.0	121.0	27.0	151.0	167.0	224.0	70.0	46.0	137.0	74.6	30.2	44.4	62.19	43.90										
UCST 214	70																												
UCST 215-47	2 15/16	1.25	0.81	4.38	2.75	1.63	4.75	1.06	5.94	6.56	9.13	2.75	1.88	5.50	3.0630	1.3110	1.7520	14,974	10,757								UC 215-47 UC 215 UC 215-48	ST 215	15.8 7.2
UCST 215	75	32.0	21.0	111.0	70.0	41.0	121.0	27.0	151.0	167.0	232.0	70.0	48.0	140.0	77.8	33.3	44.5	66.61	47.85										
UCST 215-48	3																												

UEST 200 SERIES

Normal-Duty Bearing Take-up Unit
Tru-Loc



Available Seal Styles:

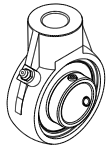


Standard



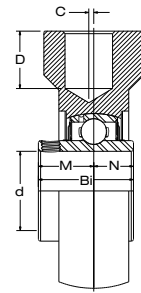
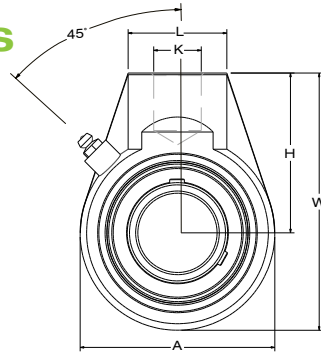
L3

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.																Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		O	G	P	Q	S	B	K	E	A	W	J	L	H	Bi	N	M	Dynamic C _r	Static C _{or}			
		UEST 204-12 UEST 204	3/4 20	0.63 16.0	0.39 10.0	2.00 51.0	1.25 32.0	0.75 19.0	2.00 51.0	0.53 13.5	3.00 76.2	3.50 89.0	3.69 94.0	1.25 32.0	0.84 21.0	2.38 60.0	1.2992 33.0	0.5000 12.7	0.7205 18.3			
UEST 205-14 UEST 205-15 UEST 205 UEST 205-16	7/8 15/16 25 1	0.63 16.0	0.39 10.0	2.00 51.0	1.25 32.0	0.75 19.0	2.00 51.0	0.53 13.5	3.00 76.2	3.50 89.0	3.84 97.0	1.25 32.0	0.94 24.0	2.44 62.0	1.3937 35.4	0.5630 14.3	0.7795 19.8	3,155 14.04	1,810 8.05	UE 205-14 UE 205-15 UE 205 UE 205-16	ST 205	1.8 0.8
UEST 206-17 UEST 206-18 UEST 206 UEST 206-19 UEST 206-20	1 1/16 1 1/8 30 1 3/16 1 1/4	0.63 16.0	0.39 10.0	2.19 56.0	1.47 37.0	0.88 22.0	2.25 57.0	0.53 13.5	3.50 89.0	4.00 102.0	4.44 113.0	1.47 37.0	1.13 28.0	2.75 70.0	1.5669 39.8	0.6260 15.9	0.8740 22.2	4,377 19.47	2,569 11.43	UE 206-17 UE 206-18 UE 206 UE 206-19 UE 206-20	ST 206	2.9 1.3
UEST 207-20 UEST 207-21 UEST 207-22 UEST 207 UEST 207-23	1 1/4 1 5/16 1 3/8 35 1 7/16	0.63 16.0	0.50 13.0	2.50 64.0	1.47 37.0	0.88 22.0	2.50 64.0	0.53 13.5	3.50 89.0	4.00 102.0	5.06 129.0	1.47 37.0	1.19 30.0	3.06 78.0	1.7283 43.9	0.6890 17.5	1.0000 25.4	5,775 25.69	3,497 15.56	UE 207-20 UE 207-21 UE 207-22 UE 207 UE 207-23	ST 207	3.5 1.6
UEST 208-24 UEST 208-25 UEST 208	1 1/2 1 9/16 40	0.75 19.0	0.63 16.0	3.25 83.0	1.94 49.0	1.13 29.0	3.25 83.0	0.69 17.5	4.00 101.6	4.50 114.0	5.69 144.0	1.94 49.0	1.31 33.0	3.50 89.0	1.9764 50.2	0.7480 19.0	1.1890 30.2	6,634 29.51	4,079 18.14	UE 208-24 UE 208-25 UE 208	ST 208	5.5 2.5
UEST 209-26 UEST 209-27 UEST 209-28 UEST 209	1 5/8 1 11/16 1 3/4 45	0.75 19.0	0.63 16.0	3.25 83.0	1.94 49.0	1.13 29.0	3.25 83.0	0.69 17.5	4.00 101.6	4.63 117.0	5.69 144.0	1.94 49.0	1.38 35.0	3.44 87.0	1.9764 50.2	0.7480 19.0	1.1890 30.2	7,160 31.85	4,676 20.80	UE 209-26 UE 209-27 UE 209-28 UE 209	ST 209	5.5 2.5
UEST 210-30 UEST 210-31 UEST 210 UEST 210-32	1 7/8 1 15/16 50 2	0.75 19.0	0.63 16.0	3.25 83.0	1.94 49.0	1.13 29.0	3.38 86.0	0.69 17.5	4.00 101.6	4.63 117.0	5.88 149.0	1.94 49.0	1.47 37.0	3.56 90.0	2.0709 52.6	0.7480 19.0	1.2835 32.6	7,867 35.00	5,330 23.71	UE 210-30 UE 210-31 UE 210 UE 210-32	ST 210	5.7 2.6
UEST 211-32 UEST 211-34 UEST 211 UEST 211-35	2 2 1/8 55 2 3/16	0.98 25.0	0.75 19.0	4.00 102.0	2.50 64.0	1.38 35.0	3.75 95.0	1.06 27.0	5.13 130.0	5.75 146.0	6.75 171.0	2.50 64.0	1.50 38.0	4.18 106.0	2.2283 56.6	0.8740 22.2	1.3150 33.4	9,743 43.34	6,608 29.40	UE 211-32 UE 211-34 UE 211 UE 211-35	ST 211	9.2 4.2
UEST 212-36 UEST 212 UEST 212-38 UEST 212-39	2 1/4 60 2 3/8 2 7/16	1.25 32.0	0.75 19.0	4.00 102.0	2.50 64.0	1.38 35.0	4.00 102.0	1.06 27.0	5.13 130.0	5.75 146.0	7.63 194.0	2.50 64.0	1.65 42.0	4.69 119.0	2.6220 66.6	1.0000 25.4	1.5630 39.7	10,720 47.69	7,516 33.43	UE 212-36 UE 212 UE 212-38 UE 212-39	ST 212	11.2 5.1

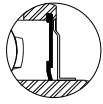


UCHA 200 SERIES

Normal-Duty Bearing Hanger Unit
Setscrew Lock



Available Seal Styles:



Standard



L3

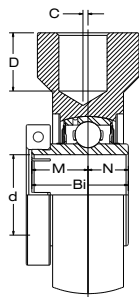
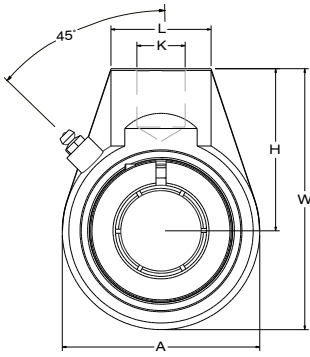
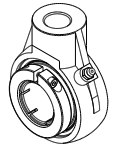
HOUSED UNITS

Bearing Number	Shaft Dia. d in. mm.	Dimensions in. mm.										Load Rating lbs. kN.		Bearing Insert	Housing Number	Wt. lbs. kg.
		A	W	C	H	L	D	K	Bi	N	M	Dynamic C _r	Static C _{or}			
UCHA 201	12	2.52	3.78	0.00	2.52	1.57	0.75	PF 3/4	1.2205	0.5000	0.7205	2,883	1,496	UC 201	HA 204	1.7
UCHA 201-8	1/2													UC 201-8		
UCHA 202	15													UC 202		
UCHA 202-10	5/8													UC 202-10		
UCHA 203	17													UC 203		
UCHA 204-12	3/4	UC 204-12														
UCHA 204	20	UC 204														
UCHA 205-14	7/8	3.07	4.06	0.00	2.52	1.57	0.75	PF 3/4	1.3425	0.5630	0.7795	3,155	1,810	UC 205-14	HA 205	1.9
UCHA 205-15	15/16													UC 205-15		
UCHA 205	25													UC 205		
UCHA 205-16	1													UC 205-16		
UCHA 206-17	1 1/16	3.07	4.06	0.00	2.52	1.57	0.75	PF 3/4	1.5000	0.6260	0.8740	4,377	2,569	UC 206-17	HA 206	1.9
UCHA 206-18	1 1/8													UC 206-18		
UCHA 206	30													UC 206		
UCHA 206-19	1 3/16													UC 206-19		
UCHA 206-20	1 1/4													UC 206-20		
UCHA 207-20	1 1/4	3.62	4.57	0.00	2.76	1.57	0.75	PF 3/4	1.6890	0.6890	1.0000	5,775	3,497	UC 207-20	HA 207	2.6
UCHA 207-21	1 5/16													UC 207-21		
UCHA 207-22	1 3/8													UC 207-22		
UCHA 207	35													UC 207		
UCHA 207-23	1 7/16													UC 207-23		
UCHA 208-24	1 1/2	3.94	4.84	0.08	2.87	1.57	0.75	PF 3/4	1.9370	0.7480	1.1890	6,634	4,079	UC 208-24	HA 208	3.4
UCHA 208-25	1 9/16													UC 208-25		
UCHA 208	40													UC 208		
UCHA 209-26	1 5/8													UC 209-26		
UCHA 209-27	1 11/16	4.25	5.35	0.20	3.23	1.89	0.83	PF1	1.9370	0.7480	1.1890	7,160	4,676	UC 209-27	HA 209	3.9
UCHA 209-28	1 3/4													UC 209-28		
UCHA 209	45													UC 209		
UCHA 210-30	1 7/8													UC 210-30		
UCHA 210-31	1 15/16	4.69	5.59	0.20	3.27	1.89	0.83	PF1	2.0315	0.7480	1.2835	7,867	5,330	UC 210-31	HA 210	4.6
UCHA 210	50													UC 210		
UCHA 210-32	2													UC 210-32		
UCHA 211-34 †	2 1/8													UCX 11-34		
UCHA 211 †	55	5.59	6.81	0.35	4.02	2.36	1.10	PF1 1/4	2.1890	1.0000	1.3150	10,720	7,516	UCX 11	HA 212	8.5
UCHA 211-35 †	2 3/16													UCX 11-35		
UCHA 212-36	2 1/4	5.59	6.81	0.35	4.02	2.36	1.10	PF1 1/4	2.5630	1.0000	1.5630	10,720	7,516	UC 212-36	HA 212	8.2
UCHA 212	60													UC 212		
UCHA 212-38	2 3/8													UC 212-38		
UCHA 212-39	2 7/16													UC 212-39		
UCHA 214-43 †	2 11/16	6.54	7.87	0.37	4.61	2.76	1.26	PF 1 1/2	2.9370	1.3110	1.7480	14,974	10,757	UCX 14-43	HA 215	13.2
UCHA 214 †	70													UCX 14		
UCHA 215-47	2 15/16	6.54	7.87	0.37	4.61	2.76	1.26	PF 1 1/2	3.0630	1.3110	1.7520	14,974	10,757	UC 215-47	HA 215	12.2
UCHA 215	75													UC 215		
UCHA 215-48	3													UC 215-48		

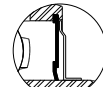
† See page 40

UEHA 200 SERIES

Normal-Duty Bearing Hanger Unit
Tru-Loc



Available Seal Styles:



Standard



L3

Bearing Number	Shaft Dia.	Dimensions in. mm.										Load Rating		Bearing Insert	Housing Number	Wt. lbs. kg.	
	d in. mm.	A	W	C	H	L	D	K	Bi	N	M	Dynamic C _r	Static C _{or}				
UEHA 204-12	3/4	2.52	3.78	0.00	2.52	1.57	0.75	PF 3/4	1.2992	0.5000	0.7205	2,883	1,496	UE 204-12	HA 204	1.7	
UEHA 204	20	64.0	96.0	0.0	64.0	40.0	19.1	33.0	12.7	18.3	12.82	6.65	UE 204	0.8			
UEHA 205-14	7/8	3.07	4.06	0.00	2.52	1.57	0.75	PF 3/4	1.3937	0.5630	0.7795	3,155	1,810	UE 205-14	HA 205	1.9	
UEHA 205-15	15/16													UE 205-15			0.9
UEHA 205	25													UE 205			0.9
UEHA 205-16	1													UE 205-16			0.9
UEHA 206-17	1 1/16	3.07	4.06	0.00	2.52	1.57	0.75	PF 3/4	1.5669	0.6260	0.8740	4,377	2,569	UE 206-17	HA 206	1.9	
UEHA 206-18	1 1/8													UE 206-18			0.9
UEHA 206	30													UE 206			0.9
UEHA 206-19	1 3/16													UE 206-19			0.9
UEHA 206-20	1 1/4													UE 206-20			0.9
UEHA 207-20	1 1/4	3.62	4.57	0.00	2.76	1.57	0.75	PF 3/4	1.7283	0.6890	1.0000	5,775	3,497	UE 207-20	HA 207	2.6	
UEHA 207-21	1 5/16													UE 207-21			1.2
UEHA 207-22	1 3/8													UE 207-22			1.2
UEHA 207	35													UE 207			1.2
UEHA 207-23	1 7/16													UE 207-23			1.2
UEHA 208-24	1 1/2	3.94	4.84	0.08	2.87	1.57	0.75	PF 3/4	1.9764	0.7480	1.1890	6,634	4,079	UE 208-24	HA 208	3.4	
UEHA 208-25	1 9/16													UE 208-25		1.5	
UEHA 208	40													UE 208		1.5	
UEHA 209-26	1 5/8	4.25	5.35	0.20	3.23	1.89	0.83	PF1	1.9764	0.7480	1.1890	7,160	4,676	UE 209-26	HA 209	3.9	
UEHA 209-27	1 11/16													UE 209-27		1.8	
UEHA 209-28	1 3/4													UE 209-28		1.8	
UEHA 209	45													UE 209		1.8	
UEHA 210-30	1 7/8	4.69	5.59	0.20	3.27	1.89	0.83	PF1	2.0709	0.7480	1.2835	7,867	5,330	UE 210-30	HA 210	4.6	
UEHA 210-31	1 15/16													UE 210-31		2.1	
UEHA 210	50													UE 210		2.1	
UEHA 210-32	2													UE 210-32		2.1	
UEHA 212-36	2 1/4	5.59	6.81	0.35	4.02	2.36	1.10	PF1 1/4	2.6220	1.0000	1.5630	10,720	7,516	UE 212-36	HA 212	8.2	
UEHA 212	60													UE 212		3.7	
UEHA 212-38	2 3/8													UE 212-38		3.7	
UEHA 212-39	2 7/16													UE 212-39		3.7	

Alternate Housing Numbers

† Sometimes housings are used to make more than one type (i.e. duty level) of mounted bearing unit. For instance, a medium-duty housing (i.e. PX 00 series) might be used to create a normal-duty (i.e. P 200 series) unit.

For example, if you order a UCP 213 pillow block, you may receive a P213 Housing or a PX12 housing. These two housings are dimensionally identical.

The table below shows the catalog number (minus the shaft designation) and the two possible housing numbers.

TABLE 40a LIST OF ALTERNATE HOUSING NUMBERS

Catalog Part Number*	Housing Number	Alternate Housing Number
UCP 213	P 213	PX 12
UCP 214	P 214	PX 13
HCAK 208	AK 208	P 208
HCAK 214	AK 214	PX 13
UCFX 05	FX 05	F 206
UCFX 06	FX 06	F 207
UCFX 07	FX 07	F 208
UCFX 08	FX 08	F 209
UCFX 09	FX 09	F 210
UCFX 10	FX 10	F 211
UCFX 11	FX 11	F 212
UCFX 12	FX 12	F 213
UCHA 211	HA 211	HA 212
UCHA 214	HA 214	HA 215
UCFCSX 05	FCSX 05	FCS 206
UCFCSX 06	FCSX 06	FCS 207
UCFCSX 07	FCXS 07	FCS 208
UCFCSX 08	FCXS 08	FCS 209
UCFCSX 09	FCXS 09	FCS 210
UCFCSX 10	FCXS 10	FCS 211
UCFCSX 11	FCXS 11	FCS 212
UCFCSX 12	FCXS 12	FCS 213
UCFCSX 13	FCXS 13	FCS 214
UCFCSX 14	FCXS14	FCS 215

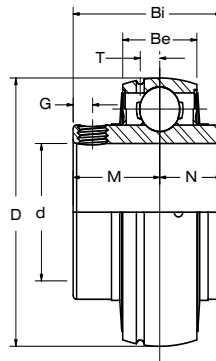
*Minus shaft designation

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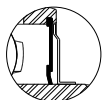


UC 200 SERIES

Normal-Duty Ball Bearing
Setscrew Lock



Available Seal Styles:



Standard



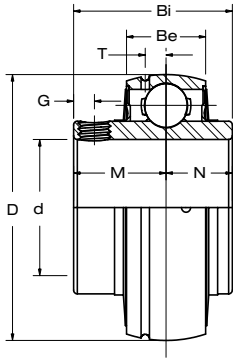
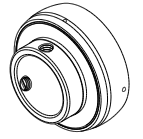
L3

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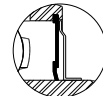
Bearing Insert	Shaft Dia. d in. mm.	Setscrew Used in. mm.	Dimensions in. mm.							Load Rating lbs. kN.		Wt. lbs. kg.
			D	Bi	Be	N	M	G	T	Dynamic C _r	Static C _{0r}	
UCW 201	12	M5x0.8	1.5748	1.0787	0.5512	0.4528	0.6260	0.1614	0.1614	2,147	1,075	0.2
UCW 201-8	1/2	10-32										
UCW 202	15	M5x0.8										
UCW 202-10	5/8	10-32										
UCW 203	17	M5x0.8	40.0	27.4	14.0	11.5	15.9	4.12	4.1	9.55	4.78	0.1
UC 201	12	M6 x 1										
UC 201-8	1/2	1/4-28										
UC 202	15	M6 x 1										
UC 202-10	5/8	1/4-28	1.8504	1.2205	0.6693	0.5000	0.7205	0.1969	0.1693	2,147	1,075	0.4
UC 203	17	M6 x 1										
UC 204-12	3/4	1/4-28										
UC 204	20	M6 x 1										
UC 205-14	7/8	1/4-28	2.0472	1.3425	0.6693	0.5630	0.7795	0.2126	0.1575	3,155	1,810	0.5
UC 205-15	15/16	1/4-28										
UC 205	25	M6 x 1										
UC 205-16	1	1/4-28										
UC 206-17	1 1/16	1/4-28	2.4409	1.5000	0.7480	0.6260	0.8740	0.2165	0.2087	4,377	2,569	0.7
UC 206-18	1 1/8	1/4-28										
UC 206	30	M6 x 1										
UC 206-19	1 3/16	1/4-28										
UC 206-20	1 1/4	1/4-28	62.0	38.1	19.0	15.9	22.2	5.5	5.3	19.47	11.43	0.3
UC 207-20	1 1/4	5/16-24										
UC 207-21	1 5/16	5/16-24										
UC 207-22	1 3/8	5/16-24										
UC 207	35	M8 x 1	2.8346	1.6890	0.7874	0.6890	1.0000	0.2717	0.2283	5,775	3,497	1.1
UC 207-23	1 7/16	5/16-24										
UC 208-24	1 1/2	5/16-24										
UC 208-25	1 9/16	5/16-24										
UC 208	40	M8 x 1	3.1496	1.9370	0.8268	0.7480	1.1890	0.3150	0.2441	6,634	4,079	1.4
UC 209-26	1 5/8	5/16-24										
UC 209-27	1 11/16	5/16-24										
UC 209-28	1 3/4	5/16-24										
UC 209	45	M8 x 1	80.0	49.2	21.0	19.0	30.2	8.0	6.2	29.51	18.14	0.6
UC 210-30	1 7/8	3/8-24										
UC 210-31	1 15/16	3/8-24										
UC 210	50	M10 x 1.25										
UC 210-32	2	3/8-24	3.5433	2.0315	0.9449	0.7480	1.2835	0.3937	0.2756	7,867	5,330	1.8
UC 211-32	2	3/8-24										
UC 211-34	2 1/8	3/8-24										
UC 211	55	M10 x 1.25										
UC 211-35	2 3/16	3/8-24	3.9370	2.1890	0.9843	0.8740	1.3150	0.3937	0.2913	9,743	6,608	2.4
UC 212-36	2 1/4	3/8-24										
UC 212	60	M10 x 1.25										
UC 212-38	2 3/8	3/8-24										
UC 212-39	2 7/16	3/8-24	100.0	55.6	25.0	22.2	33.4	10.0	7.4	43.34	29.40	1.1
UC 213-40	2 1/2	3/8-24										
UC 213	65	M10 x 1.25										
UC 214-43	2 11/16	7/16-20										
UC 214-44	2 3/4	M12 x 1.25	4.9213	2.9370	1.1417	1.1890	1.7480	0.4724	0.3504	13,981	9,869	4.8
UC 214	70	7/16-20										
UC 215-47	2 15/16	7/16-20										
UC 215	75	M12 x 1.25										
UC 215-48	3	7/16-20	130.0	77.8	30.0	33.3	44.5	12.0	9.2	66.61	47.85	2.3
UC 215	75	M12 x 1.25										
UC 215-48	3	7/16-20										

UCX 00 SERIES

Medium-Duty Ball Bearing Setscrew Lock



Available Seal Styles:



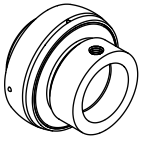
Standard



L3

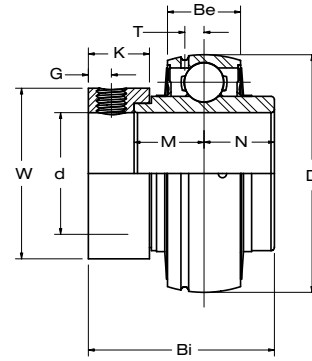
Bearing Insert	Shaft Dia. d in. mm.	Setscrew Used in. mm.	Dimensions in. mm.							Load Rating lbs. kN.		Wt. lbs. kg.
			D	Bi	Be	N	M	G	T	Dynamic C _r	Static C _{0r}	
UCX 05-14	7/8	1/4-28										
UCX 05-15	15/16	1/4-28	2.4409	1.5000	0.75480	0.6260	0.8740	0.2165	0.2087	4,377	2,569	0.9
UCX 05	25	M6 x 1	62.0	38.1	19.0	15.9	22.2	5.5	5.3	19.47	11.43	0.4
UCX 05-16	1	1/4-28										
UCX 06-18	1 1/8	5/16-24										
UCX 06	30	M8 x 1	2.8346	1.6890	0.7874	0.6890	1.0000	0.2717	0.2283	5,775	3,497	1.5
UCX 06-19	1 3/16	5/16-24	72.0	42.9	20.0	17.5	25.4	6.9	5.8	25.69	15.56	0.7
UCX 06-20	1 1/4	5/16-24										
UCX 07-22	1 3/8	5/16-24										
UCX 07	35	M8 x 1	3.1496	1.9370	0.8268	0.7480	1.1890	0.3150	0.2441	6,634	4,079	1.8
UCX 07-23	1 7/16	5/16-24	80.0	49.2	21.0	19.0	30.2	8.0	6.2	29.51	18.14	0.8
UCX 08-24	1 1/2	5/16-24										
UCX 08	40	M8 x 1	3.3465	1.9370	0.8661	0.7480	1.1890	0.3150	0.2559	7,160	4,676	2.0
UCX 09-26	1 5/8	3/8-24										
UCX 09-27	1 11/16	3/8-24	3.5433	2.0315	0.9449	0.7480	1.2835	0.3937	0.2756	7,867	5,330	2.2
UCX 09-28	1 3/4	3/8-24	90.0	51.6	24.0	19.0	32.6	10.0	7.0	35.00	23.71	1.0
UCX 09	45	M10 x 1.25										
UCX 10-30	1 7/8	3/8-24										
UCX 10-31	1 15/16	3/8-24	3.9370	2.1890	0.9843	0.8740	1.3150	0.3937	0.2913	9,743	6,608	3.0
UCX 10	50	M10 x 1.25	100.0	55.6	25.0	22.2	33.4	10.0	7.4	43.34	29.40	1.4
UCX 10-32	2	3/8-24										
UCX 11-34	2 1/8	3/8-24										
UCX 11	55	M10 x 1.25	4.3307	2.5630	1.0630	1.0000	1.5630	0.3937	0.2992	10,720	7,516	4.2
UCX 11-35	2 3/16	3/8-24	110.0	65.1	27.0	25.4	39.7	10.0	7.6	47.69	33.43	1.9
UCX 11-36	2 1/4	3/8-24										
UCX 12	60	M10 x 1.25										
UCX 12-38	2 3/8	3/8-24	4.7244	2.5630	1.1024	1.0000	1.5630	0.3937	0.3346	12,859	8,994	5.0
UCX 12-39	2 7/16	3/8-24	120.0	65.1	28.0	25.4	39.7	10.0	8.5	57.20	40.01	2.3
UCX 13-40	2 1/2	7/16-20	4.9213	2.9370	1.1417	1.1890	1.7480	0.4724	0.3546	13,981	9,869	5.4
UCX 13	65	M12 x 1.25	125.0	74.6	29.0	30.2	44.4	12.0	8.9	62.19	43.90	2.5
UCX 14-43	2 11/16	7/16-20	5.1181	3.0630	1.1811	1.3110	1.7520	0.4724	0.3622	14,974	10,757	5.4
UCX 14	70	M12 x 1.25	130.0	77.8	30.0	33.3	44.5	12.0	9.2	66.61	47.85	2.5
UCX 15-47	2 15/16	7/16-20										
UCX 15	75	M12 x 1.25	5.5118	3.2520	1.2992	1.3110	1.9409	0.4724	0.3740	16,325	11,992	6.8
UCX 15-48	3	7/16-20	140.0	82.6	33.0	33.3	49.3	17.0	9.5	72.62	53.35	3.1
UCX 17	85	M12 x 1.25										
UCX 17-55	3 7/16	7/16-20	6.2992	3.7795	1.4567	1.5630	2.2165	0.4724	0.4370	21,546	14,509	8.3
UCX 17-56	3 1/2	7/16-20	160.0	96.0	37.0	39.7	56.3	17.0	11.1	95.84	64.54	3.8
UCX 20	100	M16 x 1.5										
UCX 20-63	3 15/16	5/8-18	7.4800	4.6260	1.6929	1.9370	2.3740	0.7087	0.5157	29,339	23,141	10.6
UCX 20-64	4	5/8-18	190.0	117.5	43.0	49.2	60.3	18.0	13.1	130.51	102.94	4.8

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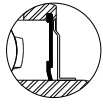


HC 200 SERIES

Normal-Duty Ball Bearing
Eccentric Lock



Available Seal Styles:



Standard



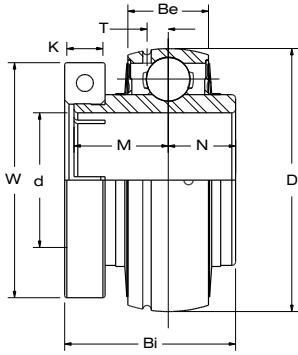
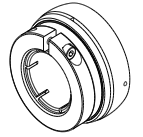
L3

Bearing Insert	Shaft Dia. d in. mm.	Setscrew Used in. mm.	Dimensions in. mm.									Load Rating lbs. kN.		Wt. lbs. kg.
			D	Bi	Be	N	M	T	W	K	G	Dynamic C _r	Static C _{or}	
HCW 201	12	M6 x 1	1.5748	1.4685	0.5512	0.5472	0.5472	0.1496	1.126	0.531	0.1969	2,147	1,075	0.3
HCW 201-8	1/2	1/4-28												
HCW 202	15	M6 x 1												
HCW 202-10	5/8	1/4-28												
HCW 203	17	M6 x 1	1.8504	1.7205	0.6693	0.6693	0.6732	0.1457	1.311	0.532	0.1969	2,883	1,496	0.5
HC 201	12	M6 x 1												
HC 201-8	1/2	1/4-28												
HC 202	15	M6 x 1												
HC 202-10	5/8	1/4-28	2.0472	1.7480	0.6693	0.6890	0.6850	0.1535	1.500	0.532	0.1969	3,155	1,810	0.6
HC 203	17	M6 x 1												
HC 204-12	3/4	1/4-28												
HC 204	20	M6 x 1												
HC 205-14	7/8	1/4-28	2.4409	1.9055	0.7480	0.7205	0.7165	0.1969	1.752	0.626	0.2362	4,377	2,569	0.9
HC 205-15	15/16	1/4-28												
HC 205	25	M6 x 1												
HC 205-16	1	1/4-28												
HC 206-17	1 1/16	1/4-28	2.8346	2.0118	0.7874	0.7402	0.7402	0.2244	2.189	0.728	0.2559	5,775	3,497	1.3
HC 206-18	1 1/8	1/4-28												
HC 206	30	M6 x 1												
HC 206-19	1 3/16	1/4-28												
HC 206-20	1 1/4	1/4-28	3.1496	2.2165	0.8661	0.8425	0.8425	0.2520	2.500	0.721	0.2559	6,634	4,079	1.7
HC 207-20	1 1/4	5/16-24												
HC 207-21	1 5/16	5/16-24												
HC 207-22	1 3/8	5/16-24												
HC 207	35	M6 x 1	3.3465	2.2165	0.8661	0.8425	0.8425	0.2520	2.500	0.721	0.2559	7,160	4,676	1.8
HC 207-23	1 7/16	5/16-24												
HC 208-24	1 1/2	5/16-24												
HC 208-25	1 9/16	5/16-24												
HC 208	40	M8 x 1	3.5433	2.4685	0.9449	0.9685	0.9685	0.2559	2.752	0.721	0.2559	7,867	5,330	2.2
HC 209-26	1 5/8	5/16-24												
HC 209-27	1 11/16	5/16-24												
HC 209-28	1 3/4	5/16-24												
HC 209	45	M8 x 1	3.9370	2.8110	0.9843	1.0943	1.0906	0.2756	3.000	0.815	0.3153	9,743	6,608	3.0
HC 210-30	1 7/8	5/16-24												
HC 210-31	1 15/16	5/16-24												
HC 210	50	M8 x 1												
HC 210-32	2	5/16-24	4.3307	3.0630	0.9449	1.22065	1.2165	0.2992	3.315	0.878	0.3150	10,720	7,516	4.1
HC 211-32	2	3/8-24												
HC 211-34	2 1/8	3/8-24												
HC 211	55	M10 x 1.25												
HC 211-35	2 3/16	3/8-24	4.7244	3.3740	1.1024	1.3425	1.3425	0.3504	3.386	0.925	0.3346	12,859	8,994	4.6
HC 212-36	2 1/4	3/8-24												
HC 212	60	M10 x 1.25												
HC 212-38	2 3/8	3/8-24												
HC 212-39	2 7/16	3/8-24	4.9213	3.3740	1.1811	1.3425	1.3425	0.3504	3.543	0.925	0.3346	13,981	9,869	5.1
HC 213-40	2 1/2	3/8-24												
HC 213	65	M10 x 1.25												
HC 214	70	3/8-24												
HC 214-43	2 11/16	3/8-24	5.1181	3.6260	1.2598	1.4685	1.4685	0.3504	4.016	0.925	0.3346	14,974	10,757	5.5
HC 214-44	2 3/4	M10 x 1.25												
HC 214	70	3/8-24												
HC 215-47	2 15/16	3/8-24												
HC 215	75	M10 x 1.25	130.0	92.1	32.0	37.3	37.3	8.9	102.0	23.5	8.5	66.61	47.85	2.5
HC 215-48	3	3/8-24												

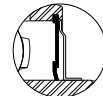
INSERTS

UE 200 SERIES

Normal-Duty Ball Bearing Tru-Loc



Available Seal Styles:



Standard



L3

Bearing Insert	Shaft Dia. d in. mm.	Bolt Used in. mm.	Dimensions in. mm.								Load Rating lbs. kN.		Wt. lbs. kg.
			D	Bi	Be	N	M	W	K	T	Dynamic C _r	Static C _{or}	
UE 204-12	3/4	1/4-28	1.8504	1.2992	0.6693	0.5000	0.7205	1.606	0.374	0.1693	2,883	1,496	0.4
UE 204	20	M4 x 0.7	47.0	33.0	17.0	12.7	18.3	40.8	9.5	4.3	12.82	6.65	0.2
UE 205-14	7/8	1/4-28	2.0472	1.3937	0.6693	0.5630	0.7795	1.929	0.374	0.1575	3,155	1,810	0.5
UE 205-15	15/16	1/4-28											
UE 205	25	M4 x 0.7											
UE 205-16	1	1/4-28	52.0	35.4	17.0	14.3	19.8	49.0	9.5	4.0	14.04	8.05	0.2
UE 206-17	1 1/16	1/4-28	2.4409	1.5669	0.7480	0.6260	0.8740	2.185	0.374	0.2087	4,377	2,569	0.7
UE 206-18	1 1/8	1/4-28											
UE 206	30	M4 x 0.7											
UE 206-19	1 3/16	1/4-28											
UE 206-20	1 1/4	1/4-28											
UE 207-20	1 1/4	5/16-24	2.8346	1.7283	0.7874	0.6890	1.0000	2.520	0.433	0.2283	5,775	3,497	1.1
UE 207-21	1 5/16	5/16-24											
UE 207-22	1 3/8	5/16-24											
UE 207	35	M5 x 0.8											
UE 207-23	1 7/16	5/16-24											
UE 208-24	1 1/2	5/16-24	3.1496	1.9764	0.8268	0.7480	1.1890	2.677	0.433	0.2441	6,634	4,079	1.5
UE 208-25	1 9/16	5/16-24											
UE 208	40	M5 x 0.8											
UE 209-26	1 5/8	5/16-24	3.3465	1.9764	0.8661	0.7480	1.1890	2.913	0.433	0.2559	7,160	4,676	1.7
UE 209-27	1 11/16	5/16-24											
UE 209-28	1 3/4	5/16-24											
UE 209	45	M5 x 0.8											
UE 210-30	1 7/8	3/8-24	3.5433	2.0709	0.9449	0.7480	1.2835	3.189	0.571	0.2756	7,867	5,330	1.9
UE 210-31	1 15/16	3/8-24											
UE 210	50	M6 x 1											
UE 210-32	2	3/8-24											
UE 211-32	2	3/8-24	3.9370	2.2283	0.9843	0.8740	1.3150	3.622	0.571	0.2913	9,743	6,608	2.6
UE 211-34	2 1/8	3/8-24											
UE 211	55	M6 x 1											
UE 211-35	2 3/16	3/8-24	100.0	56.6	25.0	22.2	33.4	92.0	14.5	7.4	43.34	29.40	1.2
UE 212-36	2 1/4	3/8-24	4.3307	2.6220	1.0630	1.0000	1.5630	4.055	0.689	0.2992	10,720	7,516	3.5
UE 212	60	M8 x 1.25											
UE 212-38	2 3/8	3/8-24											
UE 212-39	2 7/16	3/8-24											
			110.0	66.6	27.0	25.4	39.7	103.0	17.5	7.6	47.69	33.43	1.6

INSERTS



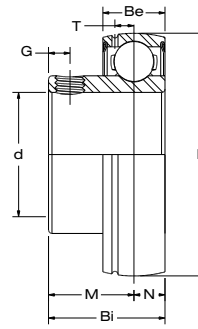
SB 200 AND CSB 200 SERIES

Light-Duty Ball Bearing
Setscrew Lock

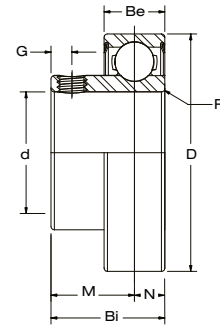


Standard

Available Seal Style



SB

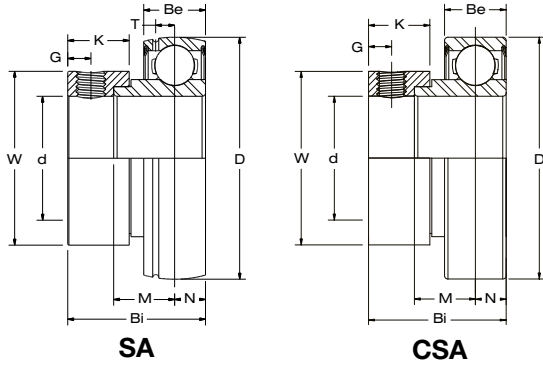


CSB

Bearing Insert		Shaft Dia.		Dimensions in.							Load Rating		Wt.
		d in. mm.	in. mm.	mm.							lbs. kN.	lbs. kg.	
				D	Bi	Be	N	M	G	T	Dynamic C _r	Static C _{0r}	lbs. kg.
SB 201	CSB 201	12	M5 x 0.8	1.5748 40.0	0.8661 22.0	0.4724 12.0	0.2362 6.0	0.6299 16.0	0.1929 4.9	0.1378 3.5	2,147 9.55	1,075 4.78	0.2 0.1
SB 201-8	CSB 201-8	1/2	10-32										
SB 202	CSB 202	15	M5 x 0.8										
SB 202-10	CSB 202-10	5/8	10-32										
SB 203	CSB 203	17	M5 x 0.8	1.8504 47.0	0.9843 25.0	0.5512 14.0	0.2756 7.0	0.7087 18.0	0.1969 5.0	0.1575 4.0	2,883 12.82	1,496 6.65	0.3 0.1
SB 204-12	CSB 204-12	3/4	1/4-28										
SB 204	CSB 204	20	M6 x 1										
SB 205-14	CSB 205-14	7/8	1/4-28										
SB 205-15	CSB 205-15	15/16	1/4-28	2.0472 52.0	1.0630 27.0	0.5906 15.0	0.2953 7.5	0.7677 19.5	0.2165 5.5	0.1693 4.3	3,155 14.04	1,810 8.05	0.4 0.2
SB 205	CSB 205	25	M6 x 1										
SB 205-16	CSB 205-16	1	1/4-28										
SB 206-17	CSB 206-17	1 1/16	1/4-28										
SB 206-18	CSB 206-18	1 1/8	1/4-28	2.4409 62.0	1.1811 30.0	0.6299 16.0	0.3150 8.0	0.8661 22.0	0.2323 5.9	0.1929 4.9	4,377 19.47	2,569 11.43	0.6 0.3
SB 206	CSB 206	30	M6 x 1										
SB 206-19	CSB 206-19	1 3/16	1/4-28										
SB 206-20	CSB 206-20	1 1/4	1/4-28										
SB 207-20	CSB 207-20	1 1/4	5/16-24	2.8346 72.0	1.2598 32.0	0.6693 17.0	0.3346 8.5	0.9252 23.5	0.3150 8.0	0.2165 5.5	5,775 25.69	3,497 15.56	0.9 0.4
SB 207-21	CSB 207-21	1 15/16	5/16-24										
SB 207-22	CSB 207-22	1 3/8	5/16-24										
SB 207	CSB 207	35	M8 x 1										
SB 207-23	CSB 207-23	1 7/16	5/16-24	3.1496 80.0	1.3386 34.0	0.7087 18.0	0.3543 9.0	0.9843 25.0	0.3150 8.0	0.2362 6.0	6,634 29.51	4,079 18.14	1.3 0.6
SB 208-24	CSB 208-24	1 1/2	5/16-24										
SB 208-25	CSB 208-25	1 9/16	5/16-24										
SB 208	CSB 208	40	M8 x 1										
SB 209-26	CSB 209-26	1 5/8	5/16-24	3.3465 85.0	1.4173 36.0	0.7480 19.0	0.3740 9.5	1.2205 31.0	0.3150 8.0	0.2402 6.1	7,160 31.85	4,676 20.80	1.8 0.8
SB 209-27	CSB 209-27	1 11/16	5/16-24										
SB 209-28	CSB 209-28	1 3/4	5/16-24										
SB 209	CSB 209	45	M8 x 1										
SB 210-30	CSB 210-30	1 7/8	3/8-24	3.5433 90.0	1.4961 38.0	0.7870 20.0	0.3937 10.0	1.2835 32.6	0.3937 10.0	0.2598 6.6	7,867 35.00	5,330 23.71	1.8 0.8
SB 210-31	CSB 210-31	1 15/16	3/8-24										
SB 210	CSB 210	50	M10 x 1.25										
SB 210-32	CSB 210-32	2	3/8-24										
SB 211-32	CSB 211-32	2	3/8-24	3.9370 100.0	1.5748 40.0	0.8268 21.0	0.4134 10.5	1.2835 32.6	0.3937 10.0	0.2835 7.2	9,743 43.34	6,608 29.40	2.5 1.1
SB 211-34	CSB 211-34	2 1/8	3/8-24										
SB 211	CSB 211	55	M10 x 1.25										
SB 211-35	CSB 211-35	2 3/16	3/8-24										
SB 212-36	CSB 212-36	2 1/4	3/8-24	4.3307 110.0	1.6535 42.0	0.8861 22.0	0.4331 11.0	1.2835 32.6	0.3937 10.0	0.2953 7.5	10,720 47.69	7,516 33.43	3.4 1.6
SB 212	CSB 212	60	M10 x 1.25										
SB 212-38	CSB 212-38	2 3/8	3/8-24										
SB 212-39	CSB 212-39	2 7/16	3/8-24										

NOTE: Standard bearing is regreaseable. Non-regreaseable bearings are available upon request.

INSERTS



SA 200 AND CSA 200 SERIES

Light-Duty Ball Bearing
Eccentric Lock

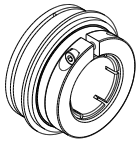


Standard

Available Seal Style

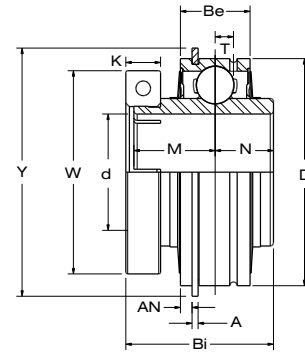
Bearing Insert		Shaft Dia. d in. mm.	Setscrew Used in. mm.	Dimensions in. mm.									Load Rating lbs. kN.		Wt. lbs. kg.
				D	Bi	Be	N	M	W	K	G	T	Dynamic C _r	Static C _{or}	
SA 201	CSA 201	12	M6 x 1	1.5748 40.0	1.1260 28.6	0.4724 12.0	0.2362 6.0	0.5157 13.1	1.126 28.6	0.532 13.5	0.1969 5.0	0.1378 3.5	2,147 9.55	1,075 4.78	0.4 0.2
SA 201-8	CSA 201-8	1/2	1/4-28												
SA 202	CSA 202	15	M6 x 1												
SA 202	CSA 202-10	5/8	1/4-28												
SA 203	CSA 203	17	M6 x 1	1.8504 47.0	1.2205 31.0	0.5512 14.0	0.2756 7.0	0.5709 14.5	1.311 33.3	0.532 13.5	0.1969 5.0	0.1575 4.0	2,883 12.82	1,496 6.65	0.5 0.2
SA 204-12	CSA 204-12	3/4	1/4-28												
SA 204	CSA 204	20	M6 x 1												
SA 205-14	CSA 205-14	7/8	1/4-28												
SA 205-15	CSA 205-15	15/16	1/4-28	2.0472	1.2402	0.5906	0.2953	0.5709	1.500	0.532	0.1969	0.1693	3,155 14.04	1,810 8.05	0.6 0.3
SA 205	CSA 205	25	M6 x 1												
SA 205-16	CSA 205-16	1	1/4-28												
SA 206-17	CSA 206-17	1 1/16	1/4-28												
SA 206-18	CSA 206-18	1 1/8	1/4-28	2.441 62.0	1.4055 35.7	0.6299 16.0	0.3150 8.0	0.6220 15.8	1.752 44.5	0.626 15.9	0.2362 6.0	0.1929 4.9	4,377 19.47	2,569 11.43	0.9 0.4
SA 206	CSA 206	30	M6 x 1												
SA 206-19	CSA 206-19	1 3/16	1/4-28												
SA 206-20	CSA 206-20	1 1/4	1/4-28												
SA 207-20	CSA 207-20	1 1/4	5/16-24	2.8346 72.0	1.5315 38.9	0.6693 17.0	0.3346 8.5	0.6654 16.9	2.189 55.6	0.689 17.5	0.2559 6.5	0.2165 5.5	5,775 25.69	3,497 15.56	1.3 0.6
SA 207-21	CSA 207-21	1 15/16	5/16-24												
SA 207-22	CSA 207-22	1 3/8	5/16-24												
SA 207	CSA 207	35	M8 x 1												
SA 207-23	CSA 207-23	1 7/16	5/16-24	3.1496 80.0	1.7205 43.7	0.7087 18.0	0.3543 9.0	0.8346 21.2	2.374 60.3	0.721 18.3	0.2559 6.5	0.2362 6.0	6,634 29.51	4,079 18.14	1.7 0.8
SA 208-24	CSA 208-24	1 1/2	5/16-24												
SA 208-25	CSA 208-25	1 9/16	5/16-24												
SA 208	CSA 208	40	M8 x 1												
SA 209-26	CSA 209-26	1 5/8	5/16-24	3.3465	1.7205	0.7480	0.3740	0.8150	2.500	0.721	0.2559	0.2402	7,160 31.85	4,676 20.80	1.8 0.8
SA 209-27	CSA 209-27	1 11/16	5/16-24												
SA 209-28	CSA 209-28	1 3/4	5/16-24												
SA 209	CSA 209	45	M8 x 1												
SA 210-30	CSA 210-30	1 7/8	5/16-24	3.5433	1.7205	0.7874	0.3937	0.7953	2.752	0.721	0.2559	0.2598	7,867 35.00	5,330 23.71	2.2 1.0
SA 210-31	CSA 210-31	1 15/16	5/16-24												
SA 210	CSA 210	50	M8 x 1												
SA 210-32	CSA 210-32	2	5/16-24												
SA 211-32	CSA 211-32	2	3/8-24	3.9370	1.9055	0.8268	0.4134	0.8661	3.000	0.815	0.3150	0.2835	9,743 43.34	6,608 29.40	3.0 1.4
SA 211-34	CSA 211-34	2 1/8	3/8-24												
SA 211	CSA 211	55	M10 x 1.25												
SA 211-35	CSA 211-35	2 3/16	3/8-24												
SA 212-36	CSA 212-36	2 1/4	3/8-24	4.3307	2.0906	0.8661	0.4331	1.0315	3.315	0.878	0.3150	0.2953	10,720 47.69	7,516 33.43	4.1 1.9
SA 212	CSA 212	60	M10 x 1.25												
SA 212-38	CSA 212-38	2 3/8	3/8-24												
SA 212-39	CSA 212-39	2 7/16	3/8-24												

NOTE: Standard bearing is regreaseable. Non-regreaseable bearings are available upon request.

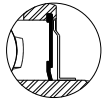


UER 200 SERIES

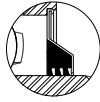
Normal-Duty Ball Bearing with Snap Ring
Tru-Loc
(Cylindrical O.D.)



Available Seal Styles:



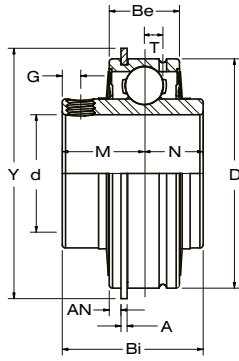
Standard



L3

INSERTS

Bearing Insert	Shaft Dia. d in. mm.	Bolt Used in. mm.	Dimensions in. mm.											Load Rating lbs. kN.		Wt. lbs. kg.
			D	Bi	Be	N	M	W	K	A	AN	Y	T	Dynamic Cr	Static Cr	
UER 204-12	3/4	1/4-28	1.8504	1.2992	0.6260	0.4055	0.8150	1.606	0.374	0.0421	0.0937	2.0748	0.1594	2,883	1,496	0.4
UER 204	20	M4 x 0.7	47.0	33.0	15.9	10.3	20.7	40.8	9.5	1.1	2.4	52.7	4.1	12.82	6.65	0.2
UER 205-14	7/8	1/4-28	2.0472	1.3937	0.7480	0.5157	0.8583	1.929	0.374	0.0421	0.0937	2.2795	0.2165	3,155	1,810	0.5
UER 205-15	15/16	1/4-28														
UER 205	25	M4 x 0.7														
UER 205-16	1	1/4-28	2.4409	1.5669	0.8740	0.6260	0.8740	2.185	0.374	0.0650	0.1252	2.6654	0.2165	4,377	2,569	0.7
UER 206-17	1 1/16	1/4-28														
UER 206-18	1 1/8	1/4-28														
UER 206	30	M4 x 0.7														
UER 206-19	1 3/16	1/4-28	2.8346	1.7283	0.9370	0.6890	1.0000	2.520	0.433	0.0650	0.1252	3.0945	0.2480	5,775	3,497	1.1
UER 207-20	1 1/4	5/16-24														
UER 207-21	1 15/16	5/16-24														
UER 207-22	1 3/8	5/16-24	3.1496	1.9764	1.0945	0.7480	1.1890	2.677	0.433	0.0650	0.1252	3.4094	0.2953	6,634	4,079	1.5
UER 207	35	M5 x 0.8														
UER 207-23	1 7/16	5/16-24														
UER 208-24	1 1/2	5/16-24	3.3465	1.9764	1.0945	0.7480	1.1890	2.913	0.433	0.0650	0.1252	3.6063	0.2953	7,160	4,676	1.7
UER 208-25	1 9/16	5/16-24														
UER 208	40	M5 x 0.8														
UER 209-26	1 5/8	5/16-24	3.5433	2.0709	1.1260	0.7480	1.2835	3.189	0.571	0.0949	0.1252	3.7992	0.2677	7,867	5,330	1.9
UER 209-27	1 11/16	5/16-24														
UER 209-28	1 3/4	5/16-24														
UER 209	45	M5 x 0.8	3.9370	2.1890	1.189	0.8740	1.3150	3.622	0.571	0.0945	0.1252	4.1929	0.2992	9,743	6,608	2.6
UER 210-30	1 7/8	3/8-24														
UER 210-31	1 15/16	3/8-24														
UER 210	50	M6 x 1	4.3307	2.6220	1.2520	1.0000	1.5630	4.055	0.689	0.0949	0.1240	4.5906	0.331	10,720	7,516	3.5
UER 210-32	2	3/8-24														
UER 211-32	2	3/8-24														
UER 211-34	2 1/8	3/8-24	100.0	55.6	30.2	22.2	33.4	92.0	14.5	2.4	3.2	106.5	7.6	43.34	29.40	1.2
UER 211	55	M6 x 1														
UER 211-35	2 3/16	3/8-24														
UER 212-36	2 1/4	3/8-24	110.0	66.6	31.8	25.4	39.7	103.0	17.5	2.4	3.2	116.6	8.4	47.69	33.43	1.6
UER 212	60	M8 x 1.25														
UER 212-38	2 3/8	3/8-24														
UER 212-39	2 7/16	3/8-24														

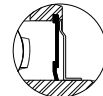


SER 200 SERIES

Normal-Duty Ball Bearing with Snap Ring
Setscrew Lock
(Cylindrical O.D.)



Available Seal Styles:



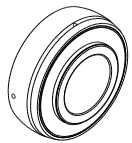
Standard



L3

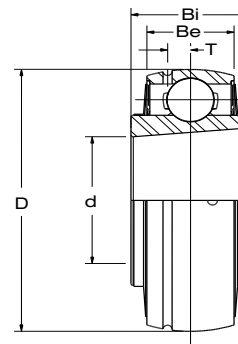
Bearing Insert	Shaft Dia.	Setscrew Used	Dimensions in.										Load Rating		Wt.
	d in. mm.	in. mm.	mm.										lbs. kN.	lbs. kg.	
			D	Bi	Be	N	M	A	AN	Y	G	T	Dynamic Cr	Static Cor	
SER 201	12	M6 x 1	1.8504 47.0	1.2205 31.0	0.6260 15.9	0.4055 10.3	0.8150 20.7	0.0421 1.1	0.0937 2.4	2.0748 52.7	0.1969 5.0	0.1594 4.1	2,147 9.55	1,075 4.78	0.6 0.3
SER 201-8	1/2	1/4-28													
SER 202	15	M6 x 1													
SER 202-10	5/8	1/4-28													
SER 203	17	M6 x 1	1.8504 47.0	1.2205 31.0	0.6260 15.9	0.4055 10.3	0.8150 20.7	0.0421 1.1	0.0937 2.4	2.0748 52.7	0.1969 5.0	0.1594 4.1	2,883 12.82	1,496 6.65	0.6 0.3
SER 204-12	3/4	1/4-28													
SER 204	20	M6 x 1													
SER 205-14	7/8	1/4-28													
SER 205-15	15/16	1/4-28	2.0472 52.0	1.3740 34.9	0.7480 19.0	0.5157 13.1	0.8583 21.8	0.0421 1.1	0.0937 2.4	2.2795 57.9	0.2087 5.3	0.2165 5.5	3,155 14.04	1,810 8.05	0.6 0.3
SER 205	25	M6 x 1													
SER 205-16	1	1/4-28													
SER 206-17	1 1/16	1/4-28													
SER 206-18	1 1/8	1/4-28	2.4409 62.0	1.5000 38.1	0.8740 22.2	0.6260 15.9	0.8740 22.2	0.0650 1.7	0.1252 3.2	2.6655 67.7	0.2165 5.5	0.2165 5.5	4,377 19.47	2,569 11.43	0.8 0.4
SER 206	30	M6 x 1													
SER 206-19	1 3/16	1/4-28													
SER 206-20	1 1/4	1/4-28													
SER 207-20	1 1/4	5/16-24	2.8346 72.0	1.6890 42.9	0.9370 23.8	0.6890 17.5	1.0000 25.4	0.0650 1.7	0.1252 3.2	3.0945 78.6	0.2520 6.4	0.2480 6.3	5,775 25.69	3,497 15.56	1.2 0.6
SER 207-21	1 15/16	5/16-24													
SER 207-22	1 3/8	5/16-24													
SER 207	35	M8 x 1													
SER 207-23	1 7/16	5/16-24	3.1465 80.0	1.9370 49.2	1.0945 27.8	0.7480 19.0	1.1890 30.2	0.0650 1.7	0.1252 3.2	3.4094 86.6	0.3150 8.0	0.2953 7.5	6,634 29.51	4,079 18.14	1.9 0.9
SER 208-24	1 1/2	5/16-24													
SER 208-25	1 9/16	5/16-24													
SER 208	40	M8 x 1													
SER 209-26	1 5/8	5/16-24	3.3465 85.0	1.9370 49.2	1.0945 27.8	0.7480 19.0	1.1890 30.2	0.0650 1.7	0.1252 3.2	3.6063 91.6	0.3150 8.0	0.2953 7.5	7,160 31.85	4,676 20.80	2.1 1.0
SER 209-27	1 11/16	5/16-24													
SER 209-28	1 3/4	5/16-24													
SER 209	45	M8 x 1													
SER 210-30	1 7/8	3/8-24	3.5433 90.0	2.0315 51.6	1.1260 28.6	0.7480 19.0	1.2835 32.6	0.0949 2.4	0.1252 3.2	3.7992 96.5	0.3937 10.0	0.2677 6.8	7,867 35.00	5,330 23.71	2.3 1.0
SER 210-31	1 15/16	3/8-24													
SER 210	50	M10 x 1.25													
SER 210-32	2	3/8-24													
SER 211-32	2	3/8-24	3.9370 100.0	2.1890 55.6	1.1890 30.2	0.8740 22.2	1.3150 33.4	0.0949 2.4	0.1252 3.2	4.1929 106.5	0.3937 10.0	0.2992 7.6	9,743 43.34	6,608 29.40	2.7 1.2
SER 211-34	2 1/8	3/8-24													
SER 211	55	M10 x 1.25													
SER 211-35	2 3/16	3/8-24													
SER 212-36	2 1/4	3/8-24	4.3307 110.0	2.5630 65.1	1.2520 31.8	1.0000 25.4	1.5630 39.7	0.0949 2.4	0.1240 3.2	4.5906 116.6	0.3937 10.0	0.3307 8.4	10,720 47.69	7,516 33.43	3.7 1.7
SER 212	60	M10 x 1.25													
SER 212-38	2 3/8	3/8-24													
SER 212-39	2 7/16	3/8-24													
SER 215-47	2 15/16	7/16-20	5.1181 130.0	3.0630 77.8	1.5000 38.1	1.3110 33.3	1.7520 44.5	0.1220 3.1	0.1614 4.1	5.5000 139.7	0.4724 12.0	0.3583 9.1	14,974 66.61	10,757 47.85	5.3 2.4
SER 215	75	M12 x 1.25													
SER 215-48	3	7/16-20													

INSERTS

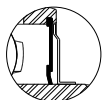


UK 200 SERIES

Normal-Duty Ball Bearing
Tapered Adapter Sleeve



Available Seal Styles:



Standard



L3

INSERTS

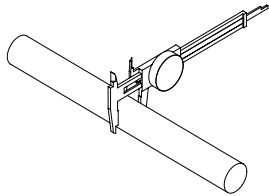
Bearing Insert	Available Shaft Diameters	Dimensions in. mm.					Load Rating lbs. kN.		Fits Housing Size	Wt. lbs. kg.								
		d	D	Bi	Be	T	Dynamic C _r	Static C _{or}										
UK 205	3/4	0.9843	2.0472	0.9055	0.6693	0.1575	3,155	1,810	206 / X05	0.5								
	20	25.0	52.0	23.0	17.0	4.0	14.04	8.05		0.2								
UK 206	7/8	1.1811	2.4409	1.0236	0.7480	0.2087	4,377	2,569	207 / X06	0.7								
	15/16										30.0	62.0	26.0	19.0	5.3	19.47	11.43	0.3
	25										1							
UK 207	1 1/8	1.3780	2.8346	1.1024	0.7874	0.2283	5,775	3,497	208 / X07	1.0								
	30										35.0	72.0	28.0	20.0	5.8	25.69	15.56	0.5
	1 3/16																	
UK 208	1 1/4	1.5748	3.1496	1.1417	0.8268	0.2441	6,634	4,079	209 / X08	1.4								
	1 3/8										40.0	80.0	29.0	21.0	6.2	29.51	18.14	0.6
	35																	
UK 209	1 7/16	1.7717	3.3465	1.1811	0.8661	0.2559	7,160	4,676	210 / X09	1.5								
	1 1/2										45.0	85.0	30.0	22.0	6.5	31.85	20.80	0.7
	40																	
UK 210	1 11/16	1.9685	3.5433	1.2598	0.9449	0.2756	7,867	5,330	211 / X10	1.7								
	1 3/4										50.0	90.0	32.0	24.0	7.0	35.00	23.71	0.8
	45																	
UK 211	1 7/8	2.1654	3.9370	1.4173	0.9843	0.2913	9,743	6,61	212 / X11	2.4								
	1 15/16										55.0	100.0	36.0	25.0	7.4	43.34	29.40	1.1
	50																	
UK 212	2 1/8	2.3622	4.3307	1.4961	1.0630	0.2992	10,720	7,516	213 / X12	3.3								
	55	60.0	110.0	38.0	27.0	7.6	47.69	33.43		1.5								
UK 213	2 3/16	2.5591	4.7244	1.5748	1.1024	0.3346	12,859	8,994	214 / X13	4.1								
	2 1/4										65.0	120.0	40.0	28.0	8.5	57.20	40.01	1.9
	60																	
UK 215	2 3/8	2.9528	5.1181	1.6929	1.1811	0.3622	14,974	10,757	216 / X15	4.9								
	2 7/16										75.0	130.0	43.0	30.0	9.2	66.61	47.85	2.2
	2 1/2																	
UK 216	65	3.1496	5.5118	1.7717	1.2992	0.3740	16,325	11,992	217 / X16	6.1								
	2 11/16										80.0	140.0	45.0	33.0	9.5	72.62	53.35	2.8
	2 3/4																	
UK 217	70	3.3465	5.9055	1.8110	1.3780	0.4370	18,694	14,509	218 / X17	7.4								
	2 15/16										85.0	150.0	46.0	35.0	11.1	83.16	64.54	3.4
	75																	
UK 218	3	3.5433	6.2992	1.8504	1.4567	0.4646	21,339	23,141	219 / X18	9.8								
	80										90.0	160.0	47.0	37.0	11.8	130.51	102.94	4.5

ENGINEERING

Standard Bearing Installation

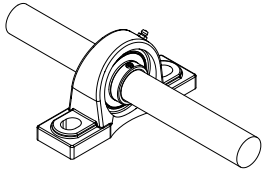
TURNER BEARING PREPARATION AND MOUNTING INSTRUCTIONS

For Tapered Adapter Sleeve Installation (UK) see page 54.



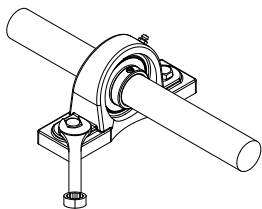
Step 1 – Shaft Preparation

Wipe the shaft clean and remove any burrs that could cause the bearing ring to deform when the setscrews are tightened down. Proper shaft diameter is CRITICAL. Check the shaft diameter against the specifications shown in Tables 53c and 53d (page 53). Undersized shafting is one of the leading causes of reduced bearing life. If the shaft is not within the tolerance shown in Tables 53c and 53d, use may result in reduced bearing life.



Step 2 – Mounting

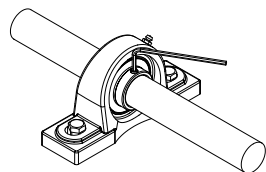
Slide the bearing (and collar if applicable) on the shaft to the desired position. DO NOT use anti-seize style lubricant on the shaft or bearing. Leave any setscrews or collars loose on the shaft.



Step 3 – Base Preparation

Make sure that the base of the mounted bearing and support surface are clean and flat. Any unevenness in the surface can interfere with proper bearing alignment and lead to premature failure. Securely fasten the mounted bearing to the support surface using the machinery manufacturer's recommendations.

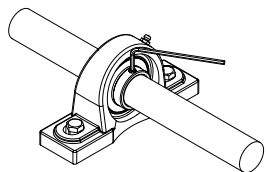
TURNER BEARING TIGHTENING INSTRUCTIONS



Setscrew Tightening (UC, UCX, SB, CSB, SER)

NOTE: Turner recommends applying an anaerobic locking compound on setscrews before tightening.

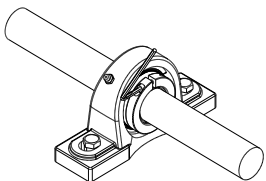
Begin tightening both setscrews down alternately until both setscrews are locked to the shaft at the proper torque shown in Table 53a (page 53).



Eccentric Collar Tightening (HC, SA, CSA)

NOTE: Turner recommends applying an anaerobic locking compound on setscrews before tightening.

Place the eccentric collar on the bearing's inner ring and turn in the direction of rotation until the eccentric grooves engage, locking the collar to the bearing. Use a drift or punch in the hole of the collar and drive it with a hammer in the direction of the shaft's rotation. This will help to ensure the lock on the shaft. Tighten the collar's setscrew using the torque recommended in Table 53a.



Tru-Loc Tightening (UE and UER)

Place the clamping collar over the inner ring of the bearing. Tighten clamping bolt to the torque value shown in Table 53b (page 53).

NOTE: Turner recommends applying an anaerobic locking compound on cap screw before tightening.

TURNER MOUNTED BEARING REMOVAL INSTRUCTIONS

Setscrew Style

Loosen the setscrews from the shaft. Then unbolt the housing from the support surface. Often the bearing will adhere to the shaft. In this situation use a bearing puller or hammer and drift to remove the bearing. Check for proper shaft fits, shown in Tables 53b and 53c, prior to the next installation.

Eccentric Collar Style

Loosen the setscrew in the collar. Use a drift or punch in the hole of the collar and drive it with a hammer in the opposite direction of the shaft's rotation. Once the collar is loose, slide it away from the bearing. Remove any burrs from the setscrew before remounting the bearing. Unbolt the housing from the support surface. Often the bearing will adhere to the shaft. In this situation use a bearing puller or hammer and drift to remove the bearing. Check for proper shaft fits, shown in Tables 53c and 53d, prior to the next installation.

Tru-Loc Style

Loosen the clamping collar bolt and remove it from the inner ring of the bearing. Then unbolt the housing from the support surface. Often the bearing will adhere to the shaft. In this situation, use a bearing puller or hammer and drift to remove the bearing. Check for proper shaft fits, shown in Tables 53c and 53d, prior to the next installation.

TABLE 53a SETSCREW SIZE AND TIGHTENING TORQUE

Set Screw Size		Unit Size						Torque	
Metric	Inch							in-lbs	N-m
M6 x 0.75	1/4-28 UNF	UC 201-206	UCX05	HC 201-205	SA/CSA 201-206	SB/CSB 201-206	SER 201-206	35	4.0
M8 x 1.0	5/16-24 UNF	UC 207-209	UCX06-X08	HC 206-210	SA/CSA 207-211	SB/CSB 207-211	SER 207-209	78	8.8
M10 x 1.25	3/8-24 UNF	UC 210-213	UCX09-X12	HC 211-215	SA/CSA 212	SB/CSB 212	SER210-212	156	17.6
M12 x 1.5	7/16-20 UNF	UC 214-215	UCX13-X17	-	-	-	-	243	27.5
M16 x 1.5	5/8-18 UNF	-	UCX20	-	-	-	-	521	58.9

TABLE 53b TRU-LOC BOLT TIGHTENING TORQUE

Unit Size		Torque	
		in-lbs	N-m
UE 204-206	UER 204-206	70	7.9
UE 207-209	UER 207-209	90	10.2
UE 210-211	UER 210-211	180	20.3
UE 212	UER 212	400	45.2

TABLE 53c METRIC SHAFT TOLERANCE

Shaft Diameter (mm.)	Shaft Tolerance (mm.)
10-18	+0 / -0.018
19-30	+0 / -0.021
31-50	+0 / -0.025
51-80	+0 / -0.030
81-120	+0 / -0.035

TABLE 53d INCH-DIMENSION SHAFT TOLERANCE

Shaft Diameter (in.)	Shaft Tolerance (in.)
1/2"-5/8"	+0 / -0.0007
3/4"-1 1/8"	+0 / -0.0008
1 3/16"-1 15/16"	+0 / -0.0010
2"-3 1/8"	+0 / -0.0012
3 7/16"-4"	+0 / -0.0014

Tapered Adapter Sleeve Installation

UK PILLOW BLOCK INSTALLATION INSTRUCTIONS

Step 1

Clean all surfaces. Remove contaminants from the shaft, sleeve, washer, nut, and bearing.

Step 2

Consider if nut and washer need to be slid on to the shaft before or after bearing. Ensure the proper direction of nut and washer if slid on first (See Illustration 54a).

Step 3

Use a light oil to lubricate the outside of the of the bearing sleeve, including the threads.

WARNING: DO NOT APPLY ANT-SIEZE LUBRICANT TO TAPERED SURFACES.

Step 4

Slide the mounted bearing unit along the shaft to the desired mounting position. Tap the sleeve into the bearing and check the alignment of the mounting holes.

Step 5

Slip the washer over the threaded portion of the adapter sleeve. Align the washer key with the sleeve split.

Step 6

Lightly oil the chamfered side of the nut. Slide the nut over the sleeve (chamfered side first) and begin to thread the nut to the adapter sleeve. Do not tighten the nut.

Ensure that the face of the nut is lubricated where it will make contact with the washer. Failure to lubricate these surfaces can cause friction during tightening and shear the washer key or damage sleeve threads.

ILLUSTRATION 54a
EXPLODED TAPERED ADAPTER SLEEVE PARTS

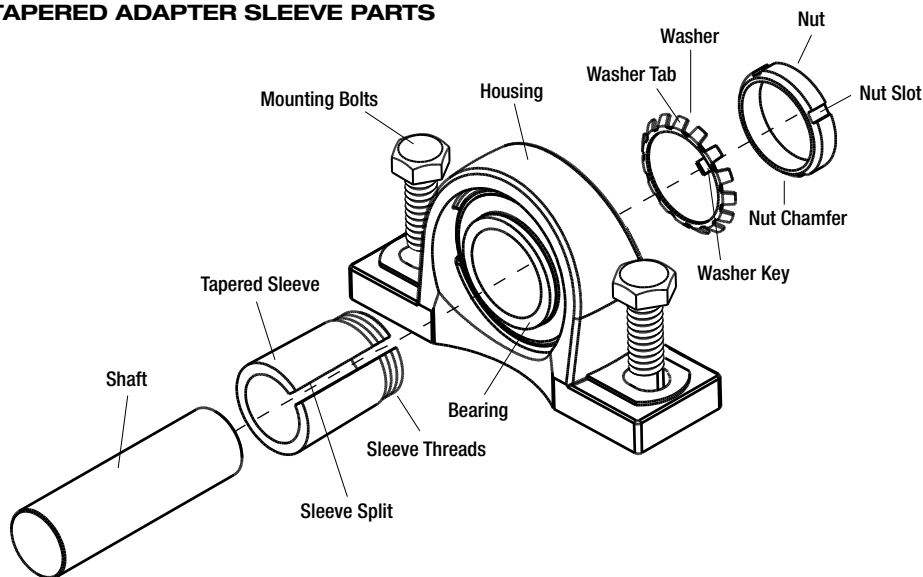


TABLE 55a UK TIGHTENING TORQUE

Bearing Number	Torque (ft.-lb.)
UK 205	22
UK 206	29
UK 207	43
UK 208	58
UK 209	58
UK 210	73
UK 211	102
UK 212	145
UK 213	159
UK 215	183
UK 216	232
UK 217	297
UK 218	354
UK 305	29
UK 306	43
UK 307	58
UK 308	79
UK 309	108
UK 310	145
UK 311	181
UK 312	224
UK 313	260
UK 315	369
UK 316	434
UK 317	513
UK 318	593
UK 319	694
UK 320	853
UK 322	1193
UK 324	1439
UK 326	1779
UK 328	2119

UK PILLOW BLOCK INSTALLATION INSTRUCTIONS (CONTINUED)**Step 7**

Loosely mount the housing to the mounting surface. The bolts should only be tight enough to hold the housing down, but loose enough to allow some axial movement. Overtightening will not allow the bearing to move when clamping the sleeve onto the shaft.

Step 8

While ensuring the shaft can not rotate, tighten the nut to the torque listed in Table 55a (upper right).

Step 9

Lock the nut in place on the bearing by bending a washer tab down into one of the nut slots. If needed, slightly tighten the nut to align it with a tab.

Step 10

After ensuring that the bearing is not bound or axially pre-loaded, tighten the mounting bolts.

NOTE: If you are installing a second pillow block, repeat steps 1-10.

Tapered Adapter Sleeve Installation

UK FLANGE BLOCK INSTALLATION INSTRUCTIONS

NOTE: The steps below are for installing two flange blocks (on one shaft), with no other bearings currently installed. If you are only installing or replacing one unit, skip to step 10 below.

Step 1

Clean all surfaces. Remove contaminants from the shaft, sleeve, washer, nut, and bearing. Make sure that the shaft is free to move axially in either direction.

Step 2

Slide the tapered sleeve onto the shaft. Position the sleeve where you want the bearing to be installed.

Step 3

Use a light oil to lubricate the outside of the of the bearing sleeve, including the threads. **Do not apply anti-sieze lubricant to tapered surfaces.**

Step 4

Slide the flange block onto the shaft and sleeve. Tap the sleeve into the bearing.

Step 5

Slip the washer onto the shaft. Align the washer key with the sleeve keyway.

Step 6

Lightly oil the chamfered side of the nut. Slide the nut over the shaft (chamfered side first) and begin to thread the nut to the adapter sleeve. Do not tighten the nut.

Ensure that the face of the nut is lubricated where it will make contact with the washer. Failure to lubricate these surfaces can cause friction during tightening and shear the washer key.

Step 7

Mount the flange block to the mouting site.

Step 8

Prevent the shaft from rotating, then tighten the nut of the mounted bearing to the torque listed in Table 55a.

Step 9

Lock the nut in place on the bearing by bending a tab from the washer down into one of the slots in the nut. If needed, slightly tighten the bolt to align it with a tab.

Step 10

See steps 1-3 for installation instructions.

TABLE 56a SHIM STOCK SIZE

Bearing Number	Shim Stock Size (in.)
UK 205	0.009
UK 206	0.009
UK 207	0.012
UK 208	0.012
UK 209	0.012
UK 210	0.012
UK 211	0.016
UK 212	0.016
UK 213	0.016
UK 215	0.018
UK 216	0.018
UK 217	0.023
UK 218	0.023
UK 305	0.009
UK 306	0.009
UK 307	0.012
UK 308	0.012
UK 309	0.014
UK 310	0.014
UK 311	0.016
UK 312	0.016
UK 313	0.016
UK 315	0.019
UK 316	0.019
UK 317	0.024
UK 318	0.024
UK 319	0.024
UK 320	0.024

UK FLANGE BLOCK INSTALLATION INSTRUCTIONS (CONTIUNUED)

Step 11

To mount a second bearing to a shaft, you will need shim stock. The thickness of the shim depends of the size of the bearing. See Table 56a (page 56) to identify your shim thickness.

Step 12

Place the shim stock between the flange block and the mounting surface, at each bolt location, the tighten the mounting bolts.

Step 13

See steps 4-6.

Step 14

Slowly tighten the nut until the nut, bearing, and shaft turn as one unit.

Step 15

Remove the shims. This will make mounting bolts looser, but this is intended. Do not retighten mounting bolts at this time.

Step 16

Ensure that the shaft can not spin then begin tightening the nut to the torque value listed in the table 55a (page 55). You should reach **at least** 50% of this torque value before the foot of the flange block makes contact with the mounting surface. Failure to do this will pre-load your bearing. Continue tightening until the torque is reached.

Step 17

Lock the nut in place by bending a washer tab into the slot of the nut.

Step 18

After the flange unit is securely fastened to the shaft, check that the feet of the flange are against the mouting surface. Shim under the feet of the unit as necessary.

Step 19

Tighten the mounting bolts.

Step 20

Rotate the shaft by hand to ensure that it turns smoothly and freely.

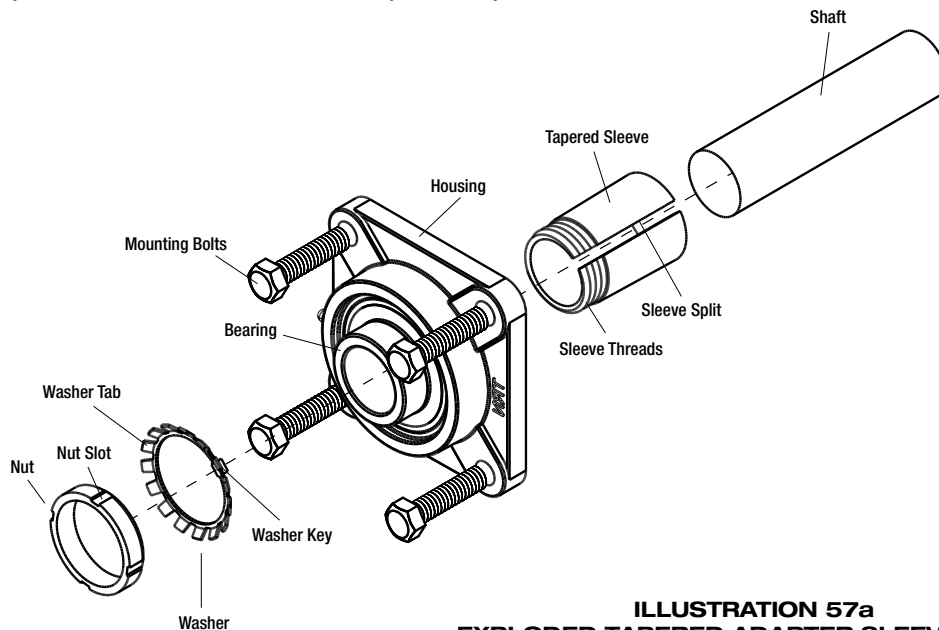


ILLUSTRATION 57a
EXPLODED TAPERED ADAPTER SLEEVE PARTS

Lubrication

PreLubricated

Turner bearing units come standard with an approximate 1/3rd grease fill. The bearings contain Shell Gadus S2 V220 (Lithium 12 Hydroxy-based grease). Because the bearings come from the factory prelubricated, you should not add grease to the unit before placing it into service.

Relubrication

Depending on the application, relubrication may be necessary to maximize bearing life. In these instances it is important to add only the amount of grease listed in Table 58a. The purpose of this relubrication is to ensure that your bearing is not running dry, but take care not to overfill your bearing. Ideally, a 1/3rd grease fill should be maintained.

See Table 58b for information on the frequency of relubrication intervals. Please note that relubricating a bearing may cause the operating temperature of the bearing to increase. This increase is temporary and the bearing should return to normal operating temperature after a short period of time.

Before Relubrication

- Clean the grease fitting and surrounding area.
- Clean nozzle or tip of greasing equipment
- Ensure that the grease you intend to install is compatible with previously installed lubricant.
- For best results, the bearing should be in rotation during relubrication.

**TABLE 58a
RELUBRICATION AMOUNTS**

Bearing Number		Fill Amount oz.
201-203		0.03
204		0.05
205		0.06
206	X05	0.10
207	X06	0.15
208	X07	0.15
209	X08	0.20
210	X09	0.25
211	X10	0.35
212	X11	0.45
213	X12	0.50
214	X13	0.60
215	X14	0.65
216	X15	0.85
217		1.0
218	X17	1.2
	X20	2.1

Over Lubrication Warning

In most environments, completely filling a bearing with grease may significantly decrease bearing life. Do not relubricate a bearing with more lubricant than listed in Table 58a. Unless your bearing is in a **very** dirty or wet environment, avoid the practice of pumping grease until you feel resistance, or until lubrication is emitted from bearing seals.

TABLE 58b RELUBRICATION INTERVALS

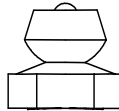
Environment	DN* Value	Temperature (F°)	Interval
Clean	40,000 and below	5-150°	6-12 months
		150-210°	2-6 months
Clean	40,000-70,000	5-150°	2-6 months
		150-210°	1 month
Dirty	Any DN	5-150°	1 week to 1 month
		150-210°	1 day to 2 weeks
Very dirty	Any DN	Any temp.	1 day to 2 weeks
Exposed to water splashes	Any DN	Any temp.	Daily

*DN = bore of the bearing (mm) x rpm

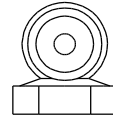
Grease Fittings

Turner mounted bearings come with a grease fitting installed in every regreaseable unit. All fittings are straight with the exception of ST housing styles. ST housings feature a 90° grease fitting to aid relubrication in tight spaces. (Shown in Illustrations 59a and 59b below.)

ILLUSTRATIONS 59a AND 59b GREASE FITTING TYPES



Straight Grease Fitting



90° Grease Fitting

Metric bore units come installed with metric fittings while inch-dimension bores feature inch-dimension fittings. See the tables below (Tables 59a and 59b) for information on specific fitting sizes.

**TABLE 59a
INCH-DIMENSION GREASE FITTINGS**

Inch-Dimension Bearing Bore	
Housing Size	Grease Fitting
203-209 X05-X08	1/4- 28
210-218 X09-X20	1/8 NPT

**TABLE 59b
METRIC GREASE FITTINGS**

Metric Bearing Bore	
Housing Size	Grease Fitting
203-210 X05-X09	M6 x 1
211-218 X010-X20	M8 x 1

Load Rating Data

The load rating table below is intended as a general tool for determining how loads and speeds imposed on a bearing will affect the overall life of the unit. By finding your expected radial load and speed, you can determine an L10 life that will be suitable for your application.

NOTE: L10 life is the number of hours the bearings listed will operate before 10% of the bearings fail. What this means is that the AVERAGE service life of a bearing (50% failure rate) will be higher than those listed below.

Decreasing bearing loads will have an exponential effect on the fatigue life of a unit. For more information on bearing life see page 60.

TABLE 60a LOAD RATING TABLE

Normal Duty	Light Duty	Med. Duty	Revolutions per Minute														
			L10 Hours	50	150	500	750	1000	1750	2000	2500	3000	3500	4000	4500	5000	6000
UCW 201, 202, 203 HCW 201, 202, 203 SER 201, 202, 203	SA 201, 202, 203 CSA 201, 202, 203 SB 201, 202, 203 CSB 201, 202, 203		5000	871	604	404	353	321	266	255	236	222	211	202	194	188	176
			10000	691	479	321	280	255	211	202	188	176	168	160	154	149	140
			30000	479	332	222	194	176	146	140	130	122	116	111	107	103	97
			50000	404	280	188	164	149	124	118	110	103	98	94	90	87	82
			100000	321	222	149	130	118	98	94	87	82	78	74	72	69	65
UC 204 UE 204 HC 204 SER 204 UER 204	SA 204 CSA 204 SB 204 CSB 204		5000	1169	811	543	474	431	357	342	317	299	284	271	261	252	237
			10000	928	643	431	376	342	284	271	252	237	225	215	207	200	188
			30000	643	446	299	261	237	197	188	175	164	156	149	144	139	130
			50000	543	376	252	220	200	166	159	147	139	132	126	121	117	110
			100000	431	299	200	175	159	132	126	117	110	104	100	96	93	87
UC 05 HC 205 UE 205 UER 205 SER 205 UK 205	SA 205 CSA 205 SB 205 CSB 205		5000	1263	876	586	512	465	386	369	343	323	306	293	282	272	
			10000	1002	695	465	406	369	306	293	272	256	243	233	224	216	
			30000	695	482	323	282	256	212	203	189	178	169	161	155	150	
			50000	586	406	272	238	216	179	171	159	150	142	136	131	126	
			100000	465	323	216	189	171	142	136	126	119	113	108	104	100	
UC 206 HC 206 UE 206 UER 206 SER 206 UK 206	SA 206 CSA 206 SB 206 CSB 206	UC X05	5000	1775	1231	824	720	654	543	519	482	453	431	412	396		
			10000	1409	977	654	571	519	431	412	382	360	342	327	314		
			30000	977	677	453	396	360	299	286	265	249	237	227	218		
			50000	824	571	382	334	303	252	241	224	210	200	191	184		
			100000	654	453	303	265	241	200	191	177	167	159	152	146		
UC 207 HC 207 UE 207 UER 207 SER 207 UK 207	SA 207 CSA 207 SB 207 CSB 207	UC X06	5000	2342	1624	1087	949	863	716	685	636	598	568	543			
			10000	1859	1289	863	754	685	568	543	504	475	451	431			
			30000	1289	894	598	523	475	394	377	350	329	313	299			
			50000	1087	754	504	441	400	332	318	295	278	264	252			
			100000	863	598	400	350	318	264	252	234	220	209	200			
UC 208 HC 208 UE 208 UER 208 SER 208 UK 208	SA 208 CSA 208 SB 208 CSB 208	UC X07	5000	2690	1865	1249	1091	991	822	787	730	687	653				
			10000	2135	1480	991	866	787	653	624	580	545	518				
			30000	1480	1026	687	600	545	453	433	402	378	359				
			50000	1249	866	580	506	460	382	365	339	319	303				
			100000	991	687	460	402	365	303	290	269	253	240				
UC 209 HC 209 UE 209 UER 209 SER 209 UK 209	SA 209 CSA 209 SB 209 CSB 209	UC X08	5000	2903	2013	1348	1177	1070	888	849	788	742					
			10000	2304	1598	1070	934	849	704	674	625	589					
			30000	1598	1108	742	648	589	488	467	434	408					
			50000	1348	934	625	546	496	412	394	366	344					
			100000	1070	742	496	434	394	327	313	290	273					

■ Past Limiting Speed (See pg. 62)

TABLE 60a (CONTINUED) LOAD RATING TABLE

Normal Duty	Light Duty	Med. Duty	Revolutions per Minute															
			L10 Hours	50	150	500	750	1000	1750	2000	2500	3000	3500	4000	4500	5000	6000	
UC 210 HC 210 UE 210 UER 210 SER 210 UK 210	SA 210 CSA 210 SB 210 CSB 210	UC X09	5000	3190	2212	1481	1293	1175	975	933	866	815						
			10000	2532	1755	1175	1027	933	774	740	687	647						
			30000	1755	1217	815	712	647	537	513	477	448						
			50000	1481	1027	687	600	545	453	433	402	378						
			100000	1175	815	545	477	433	359	344	319	300						
UC 211 HC 211 UE 211 UER 211 SER 211 UK 211	SA 211 CSA 211 SB 211 CSB 211	UC X10	5000	3951	2739	1834	1602	1455	1208	1155	1072							
			10000	3136	2174	1455	1271	1155	959	917	851							
			30000	2174	1507	1009	882	801	665	636	590							
			50000	1834	1271	851	744	676	561	536	498							
			100000	1455	1009	676	590	536	445	426	395							
UC 212 HC 212 UE 212 UER 212 SER 212 UK 212	SA 212 CSA 212 SB 212 CSB 212	UC X11	5000	4347	3014	2018	1763	1601	1329	1271								
			10000	3450	2392	1601	1399	1271	1055	1009								
			30000	2392	1659	1110	970	881	731	699								
			50000	2018	1399	936	818	743	617	590								
			100000	1601	1110	743	649	590	490	468								
UC 213 HC 213 SER 213 UK 213		UC X12	5000	5214	3615	2420	2114	1921	1594	1525								
			10000	4138	2869	1921	1678	1525	1265	1210								
			30000	2869	1990	1332	1163	1057	877	839								
			50000	2420	1678	1123	981	892	740	708								
			100000	1921	1332	892	779	708	587	562								
UC 214 HC 214 SER 214 UK 214		UC X13	5000	5669	3931	2631	2299	2088	1733	1658								
			10000	4500	3120	2088	1824	1658	1376	1316								
			30000	3120	2163	1448	1265	1149	954	912								
			50000	2631	1824	1221	1067	969	804	769								
			100000	2088	1448	969	847	769	638	611								
UC 215 HC 215 SER 215 UK 215		UC X14	5000	6072	4210	2818	2462	2237	1856	1775								
			10000	4819	3341	2237	1954	1775	1473	1409								
			30000	3341	2317	1551	1355	1231	1021	977								
			50000	2818	1954	1308	1143	1038	862	824								
			100000	2237	1551	1038	907	824	684	654								
UK 216		UC X15	5000	6619	4590	3072	2684	2439	2024									
			10000	5254	3643	2439	2130	1936	1606									
			30000	3643	2526	1691	1477	1342	1114									
			50000	3072	2130	1426	1246	1132	939									
			100000	2439	1691	1132	989	898	746									
UK217			5000	7580	5256	3518	3074	2793	2317									
			10000	6016	4171	2793	2439	2216	1839									
			30000	4171	2892	1936	1691	1537	1275									
			50000	3518	2439	1633	1427	1296	1076									
			100000	2793	1936	1296	1132	1029	854									
UK 218		UC X17	5000	8736	6058	4055	3542	3219										
			10000	6934	4808	3219	2812	2555										
			30000	4808	3334	2232	1949	1771										
			50000	4055	2812	1882	1644	1494										
			100000	3219	2232	1494	1305	1186										
		UC X20	5000	11896	8248	5522	4824	4383										
			10000	9442	6547	4383	3829	3479										
			30000	6547	4539	3039	2655	2412										
			50000	5522	3829	2563	2239	2034										
			100000	4383	3039	2034	1777	1615										

Bearing Fatigue Life

BEARING LIFE INFORMATION

Fatigue

If a bearing is correctly mounted, lubricated, sealed from contaminants and otherwise properly handled and installed, all causes of failure are eliminated except for one; fatigue of the material. Metal fatigue is the progressive and localized structural damage that occurs when a material is subjected to cyclic loadings.

Bearing Fatigue Life

The life of a bearing is defined as the hours of operation at a constant speed that the bearing is capable of running before first evidence of fatigue develops in the material of the raceways or the rolling elements.

CALCULATING BEARING LIFE

L10 Life

L10 life is the number of hours at a constant speed that a group of bearings will complete before 10% of bearings fail.

Bearing Life Formula

A simplified L10 life chart can be found in Table 63a (pg. 63). If a more specific life calculation is required, the following formula can be used:

$$L_{10} = \left(\frac{C_r}{P} \right)^3 \left(\frac{16,667}{n} \right) \text{ Where,}$$

C_r = Catalog dynamic capacity

P = Equivalent radial load imposed on a bearing

n = Speed (rpm.)

Catalog dynamic capacities are listed in the dimensional tables of this catalog.

The above formula assumes ideal operating conditions (including a press fit). Since typical mounted bearing applications have a slip fit, a derating factor multiplier should be used to calculate L10 life.

- For setscrew and eccentric collar bearings, a multiplier of 0.456 should be used.
- For tru-loc bearings, a multiplier of 0.800 should be used.
- For tapered sleeve bearings, a multiplier of 1.000 should be used.

Certain applications require different L10 life conditions. An application that is used infrequently will require lower L10 life hours to give satisfactory performance than an application that is frequently used or requires high reliability. Table 63a is a chart that compares desired L10 life to RPM and gives you the required C_r/P factor or the catalog capacity ÷ imposed load.

TABLE 63a L10 LIFE CHART

Machinery Used	L10 Life* (hours)	Equipment Speed (RPM)																	
		50	100	200	300	400	500	600	700	800	900	1,000	1,200	1,500	1,800	2,400	3,600	5,000	10,000
		C _r /P Factor																	
Household Appliances 1-2,000 hrs.	1,000	1.4	1.8	2.3	2.6	2.9	3.1	3.3	3.5	3.6	3.8	3.9	4.2	4.5	4.8	5.2	6.0	6.7	8.4
	2,000	1.8	2.3	2.9	3.3	3.6	3.9	4.2	4.4	4.6	4.8	4.9	5.2	5.6	6.0	6.6	7.6	8.4	10.6
Agricultural Machinery 3-8,000 hrs.	3,000	2.1	2.6	3.3	3.8	4.2	4.5	4.8	5.0	5.2	5.5	5.6	6.0	6.5	6.9	7.6	8.7	9.7	12.2
	5,000	2.5	3.1	3.9	4.5	4.9	5.3	5.6	5.9	6.2	6.5	6.7	7.1	7.7	8.1	9.0	10.3	11.4	14.4
	8,000	2.9	3.6	4.6	5.2	5.8	6.2	6.6	7.0	7.3	7.6	7.8	8.3	9.0	9.5	10.5	12.0	13.4	16.9
Small Motors / Fans 8-15,000 hrs.	8,766 (1 yr.)	3.0	3.7	4.7	5.4	5.9	6.4	6.8	7.2	7.5	7.8	8.1	8.6	9.2	9.8	10.8	12.4	13.8	17.4
	12,000	3.3	4.2	5.2	6.0	6.6	7.1	7.6	8.0	8.3	8.7	9.0	9.5	10.3	10.9	12.0	13.7	15.3	19.3
	15,000	3.6	4.5	5.6	6.5	7.1	7.7	8.1	8.6	9.0	9.3	9.7	10.3	11.1	11.7	12.9	14.8	16.5	20.8
General Industrial Machinery 20-40,000 hrs.	20,000	3.9	4.9	6.2	7.1	7.8	8.4	9.0	9.4	9.9	10.3	10.6	11.3	12.2	12.9	14.2	16.3	18.2	22.9
	25,000	4.2	5.3	6.7	7.7	8.4	9.1	9.7	10.2	10.6	11.1	11.4	12.2	13.1	13.9	15.3	17.5	19.6	24.7
	30,000	4.5	5.6	7.1	8.1	9.0	9.7	10.3	10.8	11.3	11.7	12.2	12.9	13.9	14.8	16.3	18.6	20.8	26.2
	35,000	4.7	5.9	7.5	8.6	9.4	10.2	10.8	11.4	11.9	12.4	12.8	13.6	14.7	15.6	17.1	19.6	21.9	27.6
	40,000	4.9	6.2	7.8	9.0	9.9	10.6	11.3	11.9	12.4	12.9	13.4	14.2	15.3	16.3	17.9	20.5	22.9	28.8
Large Motors / Fans / Pumps 40-60,000 hrs.	43,830 (5 yrs.)	5.1	6.4	8.1	9.2	10.2	11.0	11.6	12.3	12.8	13.3	13.8	14.7	15.8	16.8	18.5	21.2	23.6	29.7
	50,000	5.3	6.7	8.4	9.7	10.6	11.4	12.2	12.8	13.4	13.9	14.4	15.3	16.5	17.5	19.3	22.1	24.7	31.1
	60,000	5.6	7.1	9.0	10.3	11.3	12.2	12.9	13.6	14.2	14.8	15.3	16.3	17.5	18.6	20.5	23.5	26.2	33.0
Extremely Reliable Equipment 100-200,000 hrs.	100,000	6.7	8.4	10.6	12.2	13.4	14.4	15.3	16.1	16.9	17.5	18.2	19.3	20.8	22.1	24.3	27.8	31.1	39.1
	150,000	7.7	9.7	12.2	13.9	15.3	16.5	17.5	18.5	19.3	20.1	20.8	22.1	23.8	25.3	27.8	31.9	35.6	44.8
	200,000	8.4	10.6	13.4	15.3	16.9	18.2	19.3	20.3	21.3	22.1	22.9	24.3	26.2	27.8	30.7	35.1	39.1	49.3

*L10 Life = time at which 10% of bearings will have typically failed

Allowable radial load = C_r ÷ C_r/P Factor

Required Capacity = Known radial load x (C_r/P factor)

Check catalog for limiting speeds (pg. 62)

EXAMPLE: Desired L10 Life of 40,000 hrs.

Fan running at 1,200 RPM with known radial load of 100 lbs.

To find the required capacity- C_r/P factor is 14.2. 100 lbs x 14.2 = 1,402 lbs C_r, or greater is needed.

Limiting Speed

The limiting speed of a bearing unit is greatly affected by the fit between the bearing bore and the shaft. The values listed in Table 64a are based on ideal mounting conditions, which would include an interference (press) fit between the bearing and the shaft. For typical mounting conditions like the shaft tolerances listed on page 53, the listed maximum speed can be reduced by up to 25%. If your shaft is outside of these listed tolerances, your maximum speed may be significantly lower than the speeds listed here.

TABLE 64a LIMITING SPEED TABLE

Unit Size									Maximum Speed
									RPM
UCW 201-203	HCW 201-203				SA/CSA 201-203	SB/CSB 201-203			6700
UC 204	HC 204	UE 204	UER 204	SER 204	SA/CSA 204	SB/CSB 204			6000
UC 205	HC 205	UE 205	UER 205	SER 205	SA/CSA 205	SB/CSB 205	UK 205		5600
UC 206	HC 206	UE 206	UER 206	SER 206	SA/CSA 206	SB/CSB 206	UK 206	UC X05	4500
UC 207	HC 207	UE 207	UER 207	SER 207	SA/CSA 207	SB/CSB 207	UK 207	UC X06	4000
UC 208	HC 208	UE 208	UER 208	SER 208	SA/CSA 208	SB/CSB 208	UK 208	UC X07	3600
UC 209	HC 209	UE 209	UER 209	SER 209	SA/CSA 209	SB/CSB 209	UK 209	UC X08	3200
UC 210	HC 210	UE 210	UER 210	SER 210	SA/CSA 210	SB/CSB 210	UK 210	UC X09	3000
UC 211	HC 211	UE 211	UER 211	SER 211	SA/CSA 211	SB/CSB 211	UK 211	UC X10	2600
UC 212	HC 212	UE 212	UER 212	SER 212	SA/CSA 212	SB/CSB 212	UK 212	UC X11	2400
UC 213	HC 213			SER 213			UK 213	UC X12	2200
UC 214	HC 214			SER 214			UK 214	UC X13	2200
UC 215	HC 215			SER 215			UK 215	UC X14	2000
							UK 216	UC X15	1900
							UK 217		1800
							UK 218	UC X17	1700
								UC X20	1400

ENGINEERING

Troubleshooting Guide

TABLE 65a TROUBLESHOOTING GUIDE

Symptom	Probable Cause	Corrective Action
Overheating	Shaft Creep/Slipping	Check shaft near bearing seat
	Rubbing	Check for shoulder rubbing against guards, etc.
	Over lubrication	Use less lubricant (See page 58)
	No lubrication	Add lubricant (See page 58)
	First run after relubrication	Stop system to let it cool then restart
	Misalignment	Properly align bearings
	Excessive load	Select a bearing with adequate load capacity
		Decrease load on the bearing
	Excessive speeds	Select a bearing with adequate speed rating (See page 64)
Decrease shaft speed		
Ambient heat	Move bearing away from heat sources	
Noise: High Pitch	Misalignment	Properly align bearings
Noise: Low Pitch	Dented raceways	Replace bearing. Use proper installation methods (See page 52)
Noise: Rattle or Chatter	Improper shaft fit	Use proper shaft size (See page 53)
		Use proper bearing size
	Contaminated bearing	Purge with grease
		Replace bearing
Loose parts	Check machinery for loose bolts/that bolts fit	
Vibration	Out of balance components	Balance all machine parts
	Loose parts	Check machinery for loose bolts
	Improper shaft fit	Use proper shaft size (See page 53)
		Use proper bearing size
	Bent shaft	Replace or straighten the shaft
Dented raceways	Replace bearing. Use proper installation methods (See page 52)	
Binding Shaft (Hard to Turn Shaft)	Bent shaft	Replace or straighten the shaft
	Contaminated bearing	Purge with grease
		Replace bearing
	Misalignment	Properly align bearings
Interference	Check clearance of all rotating parts	
Wearing of Inner Ring	Improper shaft fit	Use proper shaft size (See page 53)
		Use proper bearing size
	Improper shaft finish	Repair or replace the shaft

Interchange Guide

The interchange tables below are a guideline and do not guarantee an exact interchange. Consult manufacturer catalogs for information on specific dimensions.

TABLE E 66a INTERCHANGE GUIDE

	Turner	Dodge	Fafnir/ Timken	Seal- Master	Browning	Link Belt	AMI/Asahi	FYH	Peer	Hub City
Pillow Blocks	UCP205-16			NP-16	VPS-216	P3-U216N	UCP205-16	UCP205-16	UCP205-16	
	HCP205-16		YAS 1	RP-16	VPE-216	P3-Y216N	UGP205-16	NAP205-16	HCP205-16	
	UCAK205-16	P2B-SC-100	RAS 1	NPL-16	VPLS-216	PL3-U216N	UCLP205-16	SL(UCSL)205-16	ULP205-16	
	HCAK205-16	P2B-SXR-100	YAK 1	RPL-16	VPLE-216	PL3-Y216N	UGLP205-16	NAPK205-16	HCLP205-16	
	SBP205-16G	P2B-SCB-100	RAK 1	VP-16	VPS-116		BP205-16	VBP205-16	FHSP205-16G	PB251-1
	SBAK205-16	P2B-SXRB-100	SAS 1	VPL-16	VPLS-116		BLP205-16	VBSL205-16	FHSLP205-16G	PB250-1
	SAP205-16G	P2B-SXV-100	SAK 1	VP-16E	VPE-116	P3-W216U	KHP205-16	VAP205-16	FHP205-16G	PB221-1
	SAAK205-16G	P2B-SXVB-100	VAS 1	VPL-16E	VPLE-116	PL3-W216U	KHLP205-16	VASL205-16	FHLP205-16	PB220-1
	UCPX05-16	P2B-SCM-100	VAK 1	MP-16	VPS-316		UCPX05-16	UCPX05-16	UCPX05-16	
	SBLP205-16G						BLLP5-16	BLP205-16	FHSPWC205-16	PB100/150-1
SALP205-16G						KHLLP205-16	ALP205-16	FHPWC205-16		
Tapped Base	UCTB205-16	TB-SC-100	YTB 1	TB-16	VTBS-216	PT3-U216N	UCTB205-16	UCPAN205-16	UCPA205-16	
	HCTB205-16	TB-SXR-100	RTB 1	RPB-16	VTBE-216	PT3-Y216N	UGTB205-16	NAPAN205-16	HCPA205-16	
	SBTB205-16G		STB 1		VTBS-116		BTB205-16	VBPAN205-16	FHSPA205-16G	TPB250-1
	SATB205-16G	TB-SXV-100	VTB 1		VTBE-116		KHTB205-16	VAPAN205-16	FHPA205-16G	
2-Bolt Flange Blocks	UCFL/UCFT205-16	F2B-SC-100	YCJT 1	SFT-16	VF2S-216	FX3-U216N	UCFT205-16	UCFL205-16	UCFT205-16	
	HCFJT205-16	F2B-SXR-100	RCJT 1	RFT-16E	VF2E-216	FX3-Y216N	UGFJT205-16	NANFL205-16	HCFTS205-16	
	SBFL205-16G		SCJT 1	VFT-16	VF2S-116		BFT205-16	VBL205-16	FHSFT205-16G	FB260-1
	SAFL205-16G	F2B-SXV-100	VCJT 1	VFT-16E	VF2E-116	FX3-W216U	KHFT205-16	VAFL205-16	FHFT205-16G	FB230-1
	UCFLX205-16	F2B-SCM-100		MSFT-16	VF2S-316		UCFLX05-16			
	SBLF205-16G ○		GSFTD 1 □		VF2S-116M □		BLFL5-16 ○	BLF205-16 ○	FHSLF205-16G ○	FB110/160-1 □
	SALF205-16G ○		GVFTD 1 □		VF2E-116M □		KHLFL205-16 ○	ALF205-16 ○	FHLF205-16G ○	

NOTE: SALFs and SBLFs come standard with round bolt holes. Some brands offer their units with square bolt holes.

- Round Bolt Hole
- Square Bolt Hole

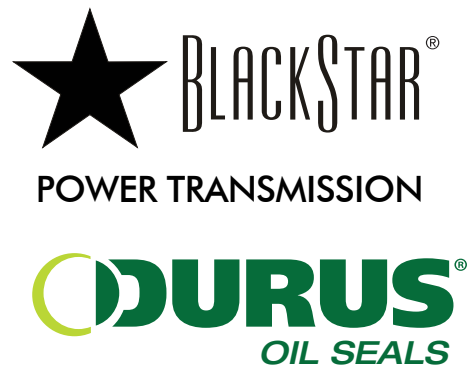
TABLE 66a (CONTINUED) INTERCHANGE GUIDE

	Turner	Dodge	Fafnir/ Timken	Seal- Master	Browning	Link Belt	AMI/Asahi	FYH	Peer	Hub City
4-Bolt Flange Blocks	UCF205-16	F4B-SC-100	YCJ 1	SF-16	VF4S-216	F3-U216N	UCF205-16	UCF205-16	UCF205-16	
	HCFS205-16	F4B-SXR-100	RCJ 1	RF-16E	VF4E-216	F3-Y216N	UGSLF205-16	NANF205-16	HCFS205-16	
	SBF205-16G		SCJ 1	VF-16	VF4S-116		BF205-16	VBF205-16	FHSF205-16G	FB250-1
	SAF205-16G	F4B-SXV-100	VCJ 1	VF-16E	VF4E-116	F3-W216U	KHF205-16	VAF205-16	FHF205-16G	FB220-1
	UCFX05-16	F4B-SCM-100		MSF-16	VF4S-316		UCFX05-16	UCFX05-16	UCFX05-16	
Piloted Flange Block	UCFC205-16			SFC-16			UCFC205-16	UCFC205-16	UCF205-16	
	UCFCX05-16	FC-SCM-100		MFC-16	VFCS-316		UCFCX05-16	UCFCX05-16		FC350-1
Brackets	UCFB205-16	FB-SC-100		FB-16		FB3-U216N	UCFB205-16	UCFB205-16	UCFB205-16	
Take-up	UCST205-16	WSTU-SC-100	YTU 1	ST-16	VTWS-216	TH3-U200N	UCST205-16	UCT205-16	UCT205-16	WSTU250-1
	HCST205-16	WSTU-SXR-100	RTU 1	RT-16E	VTWE-216		UGST205-16	NAT205-16	HCT205-16	WSTU220-1
	UCTX05-16	WSTU-SCM-100		MST-16	VTWS-316		UCTX05-16	UCTX05-16		
Hanger	UCHA205-16	SCHB-SC-100 *zerk	RHC 1	SEHB-16			UCECH205-16	UCHA205-16	UCHA205-16	
Insert Bearings	UC205-16	INS-SC-100	GY1100KRRB	2-1	VS-216	UG216NL	UC205-16	UC205-16	UC205-16	YW250-1
	HC205-16	INS-SXR-100	G1100KRRB	R-16E	VE-216	YG216NL	UG205-16	NA205-16	HC205-16	YW220-1
	UCX05-16	INS-SCM-100	GYM100KRRB	3-1	VS-316		UCX05-16	UCX05-16	UCX05-16	B350-1
	SER205-16		ER-16	ER-16	VER-216		SER205-16	ER205-16	SER-16	
	SB205-16		YA100RRB	L-16	LS-116	S216EL	B5-16	SB205-16KG5	FHS205-16	B250-1
	SB205-16G	INS-VSC-100	GYA100RRB	V-16	VS-116	SG216EL	B5-16	SB205-16KP8	FHS205-16	B250-1
	CSB205-16		YA100RR	SL-16	SLS-116		BR5-16	SBB205-16	FHSR205-16	
	SA205-16		RA100RRB	L-16E	LE-16	W216UL	KH205-16	SA205-16FP7	FH205-16	B220-1
	SA205-16G	INS-SXW-100	GRA100RRB	V-16E	VE-116	WG216UL	KH205-16	SA205-16FP9	FH205-16	B220-1
CSA205-16		RA100RR	SL-16E	SLE-116	WB216UL	KHR205-16	SAA205-16	FHR205-16		

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