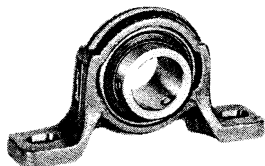
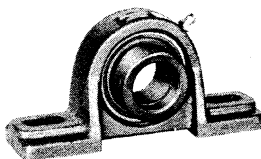


Browning

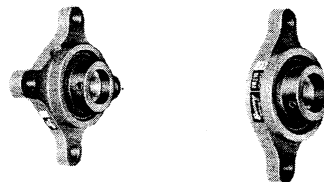
BEARING UNITS



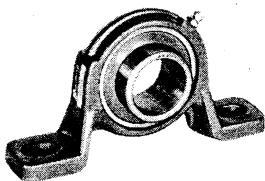
PB100L Low Height and **PB100** High Height Pillow Blocks—Lubricated for Life—Self-Aligning Ball Bearings with two Set Screws in Extended Inner Race



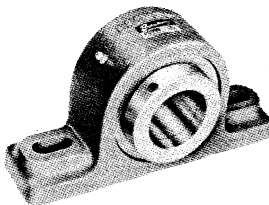
PB350 Pillow Blocks—Relube Type—Self-Aligning Ball Bearings with two Set Screws in Collar on Extended Inner Race



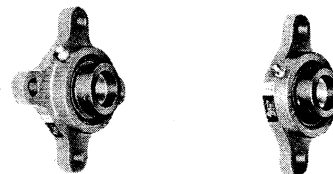
FB200 Four Hole and **FB210** Two Hole Flange Blocks—Lubricated for Life—Self-Aligning Ball Bearings with Eccentric Locking Rings



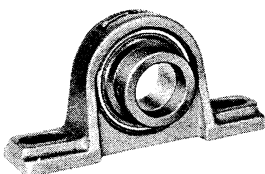
PB150L Low Height and **PB150** High Height Pillow Blocks—Relube Type—Self-Aligning Ball Bearings with two Set Screws in Extended Inner Race



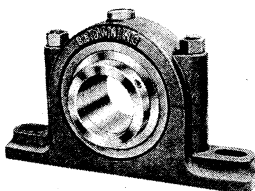
PB900 Pillow Blocks—Relube Type—Timken Tapered Roller Bearings with Eccentric Locking Collars



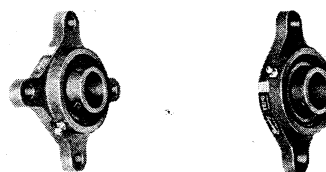
FB220 Four Hole and **FB230** Two Hole Flange Blocks—Relube—Self-Aligning Ball Bearings with Eccentric Locking Collars



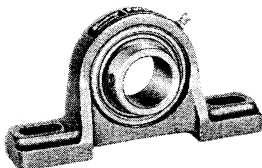
PB200 Low Height and **PB201** High Height Pillow Blocks—Lubricated for Life—Self-Aligning Ball Bearings with Eccentric Locking Collars



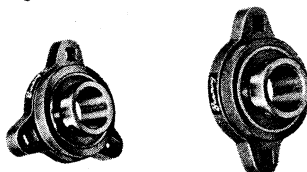
***PB950** Pillow Blocks—Relube Type—Self-Aligning Cartridges—Expansion and Non-Expansion—Timken Tapered Roller Bearings with Eccentric Locking Collars—Cast Iron Bearing Cartridges



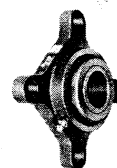
FB250 Four Hole and **FB260** Two Hole Flange Blocks—Relube—Self-Aligning Ball Bearings with two Set Screws in Extended Inner Race



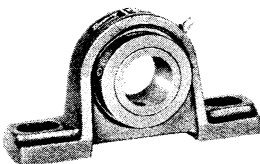
PB220 Low Height and **PB221** High Height Pillow Blocks—Relube Type—Self-Aligning Ball Bearings with Eccentric Locking Collars



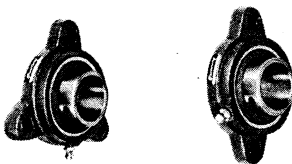
FB100 Three Hole and **FB110** Two Hole Flange Blocks—Lubricated for Life—Self-Aligning Ball Bearings with two Set Screws in Extended Inner Race



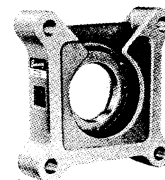
FB350 Flange Blocks—Relube—Self-Aligning Ball Bearings with two Set Screws in Collar on Extended Inner Race



PB250 Low Height and **PB251** High Height Pillow Blocks—Relube Type—Self-Aligning Ball Bearings with two Set Screws in Extended Inner Race

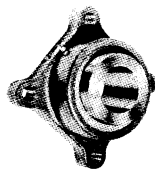


FB150 Three Hole and **FB160** Two Hole Flange Blocks—Relube Type—Self-Aligning Ball Bearings with two Set Screws in Extended Inner Race



***Bearing Protectors**—Cast Iron Housings—Neoprene Seals, Felt Seals or for Waste Packing—For use with **FB200**, **FB220** or **FB250** Flange Blocks

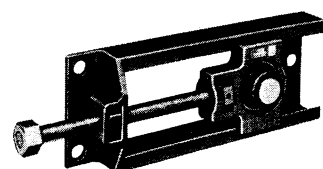
with MALLEABLE HOUSINGS*



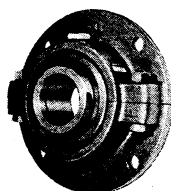
FB900 Flange Blocks—Relube—Timken Tapered Roller Bearings with Eccentric Locking Collars



TU220 Take-Up Units—Relube—Self-Aligning Ball Bearings with Eccentric Collars



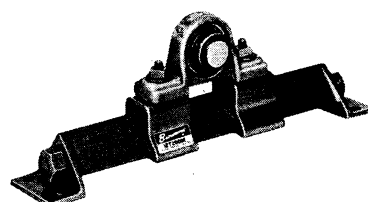
T200 Take-Up Frames—Side Mounted—For use with TU200, TU220, TU250, and TU350 Take-Up Units



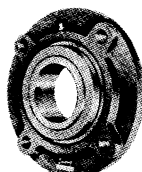
***FB950** Flange Blocks—Relube—Timken Tapered Roller Bearings with Eccentric Locking Collars—Expansion or Non-Expansion—Cast Iron Bearing Cartridges



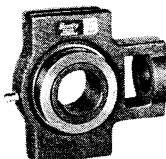
TU250 Take-Up Units—Relube—Self-Aligning Ball Bearings with two Set Screws in Extended Inner Race



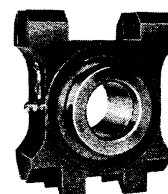
T210 Take-Up Frames—Protected Screw—For use with PB200, PB201, PB220, PB221, PB250 and PB251 Pillow Blocks



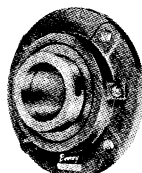
***FC350** Flange Cartridges—Cast Iron Housings—Relube—Ball Bearings with two Set Screws in Collar on Extended Inner Race



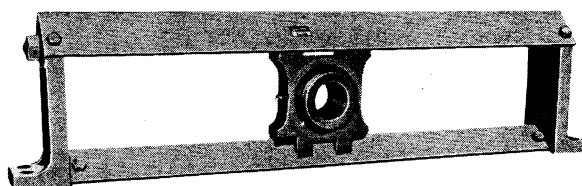
TU350 Take-Up Units—Relube—Self-Aligning Ball Bearings with two Set Screws in collar on Extended Inner Race



TU900 Take-Up Units—Relube—Timken Tapered Roller Bearings with Eccentric Locking Collars



***FC900** Flange Cartridges—Cast Iron Housings—Relube—Timken Tapered Roller Bearings with Eccentric Locking Collars



T900 Take-Up Frames—Protected Screw—For use with TU900 Take-Up Units



TU200 Take-Up Units—Lubricated for Life—Self-Aligning Ball Bearings with Eccentric Locking Collars

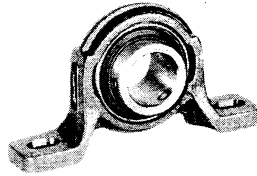
Choose from this wide selection of Bearing Units

- High or Low Series Ball Bearing Pillow Blocks.
- Lubricated for Life or Relube Type Bearings.
- Ball or Tapered Roller Bearing.
- Two or Four Hole Flange Blocks.
- Eccentric Locking or Setscrew Locking.
- Side Mounted or Protected Screw Type Take-Ups.

Browning

Pillow Blocks

**LUBRICATED
FOR LIFE**

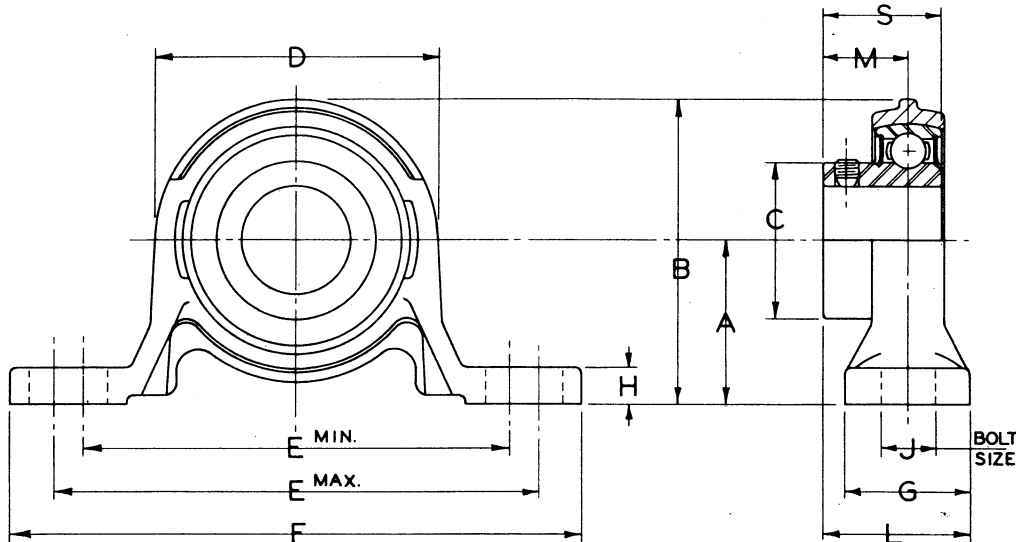


**Self-Aligning Bearings
Ground Outer Race
Setscrew Locking**

**Precision Bored
Malleable Housings**

**Practically
Indestructible Seal**

**Bearing Can Be
Removed and Replaced**



PB100L SERIES—For Low Shaft Heights

Table No. 1 Specifications

STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
1/2"	5/8"	1 1/16"	2 1/32"	3 1/32"	1 15/16"	3 7/32"	3 21/32"	4 7/16"	1"	9 3/32"	3/8"	1 5/32"	2 1/32"	1 5/16"	.6
3/4"	—	1 1/4"	2 3/8"	1 1/32"	2 1/4"	3 17/32"	3 31/32"	4 3/4"	1 1/16"	5 5/16"	3/8"	1 1/4"	2 1/32"	1 1/32"	.8
1"	7/8", 1 5/16"	1 5/16"	2 5/16"	1 3/8"	2 1/2"	3 23/32"	4 3/32"	5"	1 1/8"	1 11/32"	3/8"	1 5/16"	3/4"	1 1/16"	.9
1 1/16"	1 1/8", 1 1/4"	1 9/16"	3 1/32"	1 19/32"	2 15/16"	4 7/16"	5"	5 15/16"	1 5/16"	3/8"	1/2"	1 9/16"	2 9/32"	1 1/4"	1.3
1 7/16"	1 3/8"	1 13/16"	3 1/2"	1 7/8"	3 3/8"	4 23/32"	5 9/32"	6 1/4"	1 3/8"	1 13/32"	1/2"	1 11/16"	1"	1 3/8"	1.9

Part Numbers are Specified by "PB100L" and Bore Size; Example, "PB100L- $\frac{1}{4}$ ".
For Load Ratings, See Page 436. For Comparison Charts, See Page 437.

PB100 SERIES—For High Shaft Heights

Table No. 2 Specifications

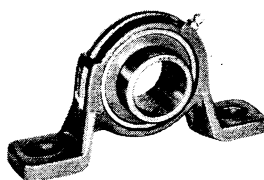
STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
$\frac{1}{2}$ " $\frac{3}{4}$	$\frac{5}{8}$ " —	$1\frac{3}{16}$ " $1\frac{5}{16}$	$2\frac{5}{32}$ " $2\frac{7}{16}$	$\frac{31}{32}$ " $1\frac{5}{32}$	$1\frac{15}{16}$ " $2\frac{1}{4}$	$3\frac{7}{32}$ " $3\frac{17}{32}$	$3\frac{21}{32}$ " $3\frac{31}{32}$	$4\frac{7}{16}$ " $4\frac{3}{4}$	1" $1\frac{1}{16}$	$1\frac{1}{32}$ " $\frac{3}{8}$	$\frac{3}{8}$ " $\frac{3}{8}$	$1\frac{5}{32}$ " $1\frac{1}{4}$	$2\frac{1}{32}$ " $2\frac{1}{32}$	$1\frac{5}{16}$ " $1\frac{1}{32}$.6 .8
1 $1\frac{3}{16}$ $1\frac{7}{16}$	$\frac{7}{8}$, $1\frac{5}{16}$ $1\frac{1}{8}$, $1\frac{1}{4}$ S $1\frac{3}{8}$	$1\frac{7}{16}$ " $1\frac{11}{16}$ " $1\frac{7}{8}$	$2\frac{11}{16}$ " $3\frac{5}{32}$ " $3\frac{9}{16}$	$1\frac{3}{8}$ " $1\frac{19}{32}$ " $1\frac{7}{8}$	$2\frac{1}{2}$ " $2\frac{15}{16}$ " $3\frac{3}{8}$	$3\frac{23}{32}$ " $4\frac{7}{16}$ " $4\frac{23}{32}$	$4\frac{5}{32}$ " 5 $5\frac{9}{32}$	5" $5\frac{15}{16}$ " $6\frac{1}{4}$ "	$1\frac{1}{8}$ " $1\frac{5}{16}$ " $1\frac{3}{8}$	$1\frac{1}{16}$ " $1\frac{3}{16}$ " $\frac{7}{16}$	$\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{1}{2}$	$1\frac{5}{16}$ " $1\frac{9}{16}$ " $1\frac{11}{16}$ "	$\frac{3}{4}$ " $2\frac{9}{32}$ " 1	$1\frac{1}{16}$ " $1\frac{1}{8}$ " $1\frac{3}{8}$	1.0 1.4 1.9

Part Numbers are Specified by "PB100" and Bore Size; Example, "PB100- $1\frac{1}{8}$ ".
For Load Ratings, See Page 436. For Comparison Charts, See Page 436.

Browning

Pillow Blocks

Self-Aligning Bearings
Ground Outer Race
Setscrew Locking

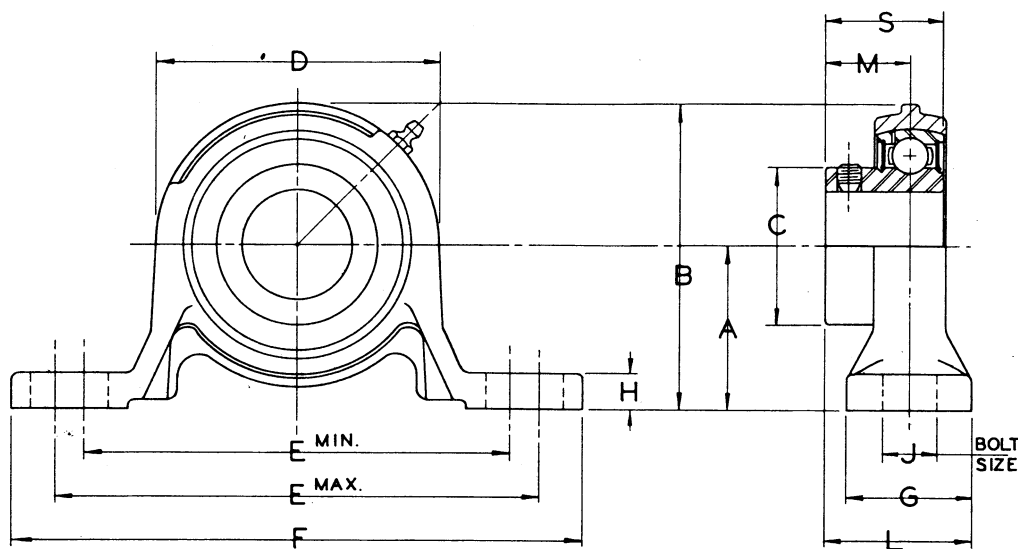


RELUBE TYPE

Precision Bored
Malleable Housings

Practically
Indestructible Seal

Bearing Can Be
Removed and Replaced



PB150L SERIES—For Low Shaft Heights

Table No. 1 Specifications

STOCK BORES		DIMENSIONS												Wt. Lbs.	
Basic	Other	A	B	C	D	E		F	G	H	J	L	M		S
						Min.	Max.								
1/2"	5/8"	1 1/16"	2 1/32"	3 1/32"	1 15/16"	3 7/32"	3 21/32"	4 7/16"	1"	9/32"	3/8"	1 5/32"	2 1/32"	1 5/16"	.6
3/4"	—	1 1/4"	2 3/8"	1 5/32"	2 1/4"	3 17/32"	3 31/32"	4 3/4"	1 1/16"	5/16"	3/8"	1 1/4"	2 1/32"	1 1/32"	.8
1	7/8, 1 5/16	1 5/16"	2 9/16"	1 3/8"	2 1/2"	3 23/32"	4 5/32"	5	1 1/8"	1 11/32"	3/8"	1 5/16"	3/4"	1 1/16"	.9
1 3/16	1 1/8, 1 1/4 S	1 9/16"	3 1/32"	1 19/32"	2 15/16"	4 7/16"	5	5 15/16"	1 5/16"	3/8"	1/2"	1 9/16"	2 9/32"	1 15/64"	1.4
1 7/16	1 3/8"	1 13/16"	3 1/2"	1 7/8"	3 3/8"	4 23/32"	5 9/32"	6 1/4"	1 3/8"	1 13/32"	1/2"	1 11/16"	1	1 3/8"	1.9

Part Numbers are Specified by "PB150L" and Bore Size; Example, "PB150L-7/8".
For Load Ratings, See Page 436. For Comparison Charts, See Page 437.

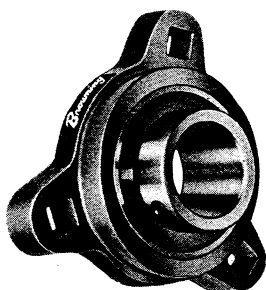
PB150 SERIES—For High Shaft Heights

Table No. 2 Specifications

STOCK BORES		DIMENSIONS												Wt. Lbs.	
Basic	Other	A	B	C	D	E		F	G	H	J	L	M		S
						Min	Max.								
1/2"	5/8"	1 3/16"	2 5/32"	3 1/32"	1 15/16"	3 7/32"	3 21/32"	4 7/16"	1"	1 1/32"	3 3/8"	1 5/32"	2 1/32"	1 5/16"	.6
3/4"	—	1 5/16"	2 7/16"	1 5/32"	2 1/4"	3 17/32"	3 31/32"	4 3/4"	1 1/16"	3/8"	3 7/8"	1 1/4"	2 1/32"	1 1/32"	.8
1	7/8, 1 5/16	1 7/16"	2 11/16"	1 3/8"	2 1/2"	3 23/32"	4 5/32"	5"	1 1/8"	1 1/32"	3 7/8"	1 5/16"	3/4"	1 1/16"	1.0
1 3/16"	1 1/8, 1 1/4	1 11/16"	3 5/32"	1 19/32"	2 15/16"	4 7/16"	5"	5 15/16"	1 5/16"	1 3/32"	1 1/2"	1 9/16"	2 9/32"	1 15/64"	1.4
1 7/16"	1 3/8"	1 7/8"	3 9/16"	1 7/8"	3 3/8"	4 23/32"	5 9/32"	6 1/4"	1 3/8"	7/16"	1 1/2"	1 11/16"	1"	1 3/8"	2.0

Part Numbers are Specified by "PB150" and Bore Size; Example "PB150-1 1/4".
For Load Ratings, See Page 436. For Comparison Charts, See Page 437.

FB 100—Three Hole Series LUBRICATED FOR LIFE



Malleable Housings

Self-Aligning Bearings
with Setscrew Locking

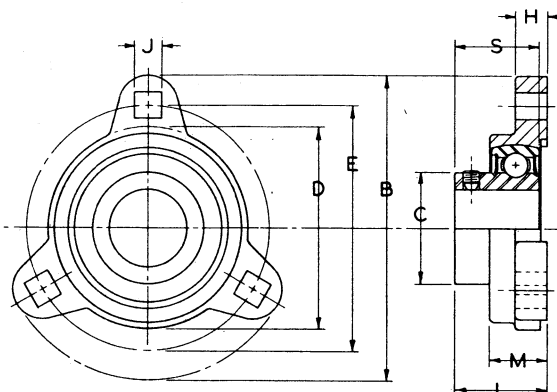
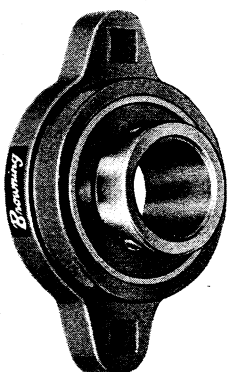


Table No. 1 Specifications

STOCK BORES		DIMENSIONS									Wt. Lbs.
Basic	Other	B	C	D	E	H	J	L	M	S	
$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{33}{16}$ "	$\frac{31}{32}$ "	$\frac{115}{16}$ "	$2\frac{1}{2}$ "	$\frac{27}{64}$ "	$\frac{9}{32}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{15}{16}$ "	.6
$\frac{3}{4}$ "	—	$\frac{39}{16}$ "	$\frac{15}{32}$ "	$2\frac{1}{4}$ "	$2\frac{13}{16}$ "	$\frac{7}{16}$ "	$\frac{11}{32}$ "	$\frac{15}{32}$ "	$\frac{25}{32}$ "	$\frac{11}{32}$ "	.8
1	$\frac{7}{8}$, $1\frac{1}{16}$ S	$\frac{33}{8}$ "	$\frac{13}{8}$ "	$2\frac{1}{2}$ "	3	$\frac{7}{16}$ "	$\frac{11}{32}$ "	$\frac{13}{16}$ "	$\frac{25}{32}$ "	$\frac{11}{16}$ "	.8
$\frac{13}{16}$ "	$1\frac{1}{8}$, $1\frac{1}{4}$ S	$\frac{47}{16}$ "	$\frac{119}{32}$ "	$2\frac{15}{16}$ "	$\frac{39}{16}$ "	$\frac{15}{32}$ "	$\frac{13}{32}$ "	$\frac{123}{64}$ "	$\frac{27}{32}$ "	$\frac{115}{64}$ "	1.1
$\frac{17}{16}$ "	$1\frac{3}{8}$ "	$\frac{413}{16}$ "	$1\frac{7}{8}$ "	$3\frac{3}{8}$ "	$3\frac{15}{16}$ "	$\frac{1}{2}$ "	$\frac{13}{32}$ "	$1\frac{1}{2}$ "	$\frac{29}{32}$ "	$1\frac{3}{8}$ "	1.7

Part Numbers are Specified by "FB100" and Bore Size; Example "FB100- $\frac{1}{2}$ ".
For Load Ratings, See Page 436. For Comparison Charts, See Page 437.

FB 110—Two Hole Series LUBRICATED FOR LIFE



Malleable Housings

Self-Aligning Bearings
with Setscrew Locking

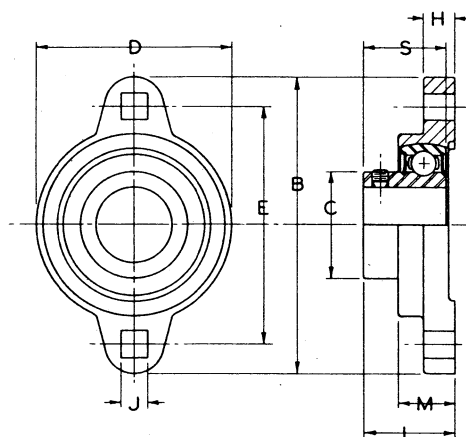


Table No. 2 Specifications

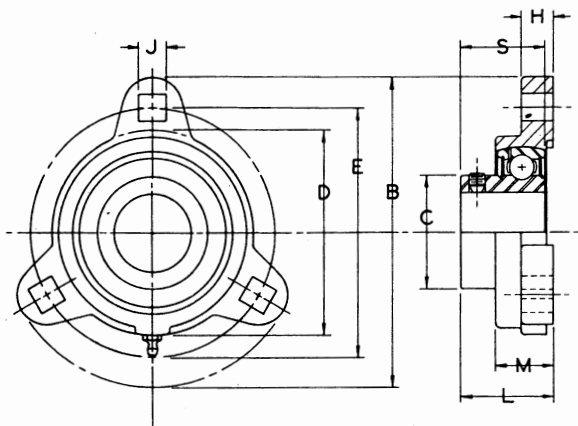
STOCK BORES		DIMENSIONS									Wt. Lbs.
Basic	Other	B	C	D	E	H	J	L	M	S	
$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{33}{16}$ "	$\frac{31}{32}$ "	$\frac{115}{16}$ "	$2\frac{1}{2}$ "	$\frac{27}{64}$ "	$\frac{9}{32}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{15}{16}$ "	.5
$\frac{3}{4}$ "	—	$\frac{39}{16}$ "	$\frac{15}{32}$ "	$2\frac{1}{4}$ "	$2\frac{13}{16}$ "	$\frac{7}{16}$ "	$\frac{11}{32}$ "	$\frac{15}{32}$ "	$\frac{25}{32}$ "	$\frac{11}{32}$ "	.6
1	$\frac{7}{8}$, $1\frac{1}{16}$ S	$\frac{33}{8}$ "	$\frac{13}{8}$ "	$2\frac{1}{2}$ "	3	$\frac{7}{16}$ "	$\frac{11}{32}$ "	$\frac{13}{16}$ "	$\frac{25}{32}$ "	$\frac{11}{16}$ "	.8
$\frac{13}{16}$ "	$1\frac{1}{8}$, $1\frac{1}{4}$ S	$\frac{47}{16}$ "	$\frac{119}{32}$ "	$2\frac{15}{16}$ "	$\frac{39}{16}$ "	$\frac{15}{32}$ "	$\frac{13}{32}$ "	$\frac{123}{64}$ "	$\frac{27}{32}$ "	$\frac{115}{64}$ "	1.1
$\frac{17}{16}$ "	$1\frac{3}{8}$ "	$\frac{413}{16}$ "	$1\frac{7}{8}$ "	$3\frac{3}{8}$ "	$3\frac{15}{16}$ "	$\frac{1}{2}$ "	$\frac{13}{32}$ "	$1\frac{1}{2}$ "	$\frac{29}{32}$ "	$1\frac{3}{8}$ "	1.5

Part Numbers are Specified by "FB110" and Bore Size; Example "FB110- $\frac{1}{2}$ ".
For Load Ratings, See Page 436. For Comparison Charts, See Page 437.

Browning

Flange Blocks

FB 150—Three Hole Series RELUBE TYPE



Malleable Housings

Self-Aligning Bearings
with Setscrew Locking



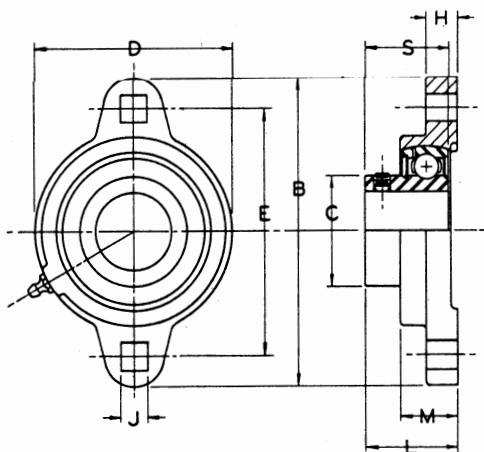
Table No. 1

Specifications

STOCK BORES		DIMENSIONS									Wt. Lbs.
Basic	Other	B	C	D	E	H	J	L	M	S	
1/2"	5/8"	3 3/16"	3 1/32"	1 15/16"	2 1/2"	27/64"	9/32"	1 1/16"	3/4"	15/16"	.6
3/4"	—	3 9/16"	1 5/32"	2 1/4"	2 13/16"	7/16"	11/32"	1 5/32"	25/32"	1 1/32"	.7
1"	7/8", 1 5/16"	3 3/4"	1 3/8"	2 1/2"	3"	7/16"	11/32"	1 3/16"	25/32"	1 1/16"	.8
1 3/16"	1 1/8", 1 1/4"	4 7/16"	1 19/32"	2 15/16"	3 9/16"	15/32"	13/32"	1 23/64"	27/32"	1 15/64"	1.2
1 7/16"	1 3/8"	4 13/16"	1 7/8"	3 3/8"	3 15/16"	1/2"	13/32"	1 1/2"	29/32"	1 3/8"	1.6

Part Numbers are Specified by "FB150" and Bore Size; Example "FB150-3/4".
For Load Ratings, See Page 436. For Comparison Charts, See Page 437.

FB 160—Two Hole Series RELUBE TYPE



Malleable Housings

Self-Aligning Bearings
with Setscrew Locking

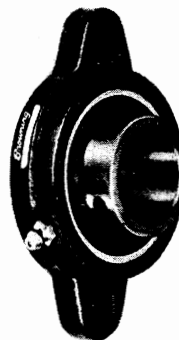


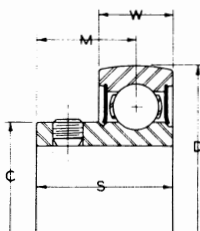
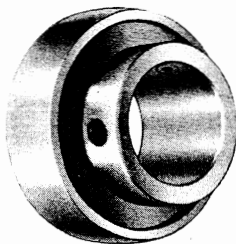
Table No. 2

Specifications

STOCK BORES		DIMENSIONS									Wt. Lbs.
Basic	Other	B	C	D	E	H	J	L	M	S	
1/2"	5/8"	3 3/16"	3 1/32"	1 15/16"	2 1/2"	27/64"	9/32"	1 1/16"	3/4"	15/16"	.5
3/4"	—	3 9/16"	1 5/32"	2 1/4"	2 13/16"	7/16"	11/32"	1 5/32"	25/32"	1 1/32"	.7
1"	7/8", 1 5/16"	3 3/4"	1 3/8"	2 1/2"	3"	7/16"	11/32"	1 3/16"	25/32"	1 1/16"	.8
1 3/16"	1 1/8", 1 1/4"	4 7/16"	1 19/32"	2 15/16"	3 9/16"	15/32"	13/32"	1 23/64"	27/32"	1 15/64"	1.2
1 7/16"	1 3/8"	4 13/16"	1 7/8"	3 3/8"	3 15/16"	1/2"	13/32"	1 1/2"	29/32"	1 3/8"	1.5

Part Numbers are Specified by "FB160" and Bore Size; Example "FB160-3/4".
For Load Ratings, See Page 436. For Comparison Charts, See Page 437.

B100 ADAPTER BEARINGS



Lubricated
for Life

Super Seals

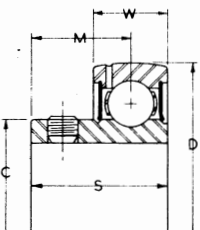
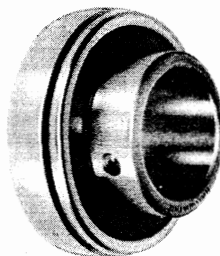
Table No. 1 Specifications

Bore	DIMENSIONS					Wt. Lbs.
	C	D	M	S	W	
1/2, 5/8	.963"	1.5748"	.644"	.934"	.576"	.13
3/4	1.150	1.8504	.726	1.032	.609	.25
7/8, 1 1/16, 1	1.360	2.0472	.761	1.067	.609	.50
1 1/8, 1 3/16, 1 1/4 S	1.598	2.4409	.896	1.230	.672	.56
1 3/8, 1 7/16	1.861	2.8346	.997	1.375	.748	.81

Part Numbers are Specified by "B100" and Bore Size; Example, "B100—3/4".

Used in PB100 and PB100L Pillow Blocks and FB100 and FB110 Flange Blocks.

B150 ADAPTER BEARINGS



Relube Type

Super Seals

Table No. 2 Specifications

Bore	DIMENSIONS					Wt. Lbs.
	C	D	M	S	W	
1/2, 5/8	.963"	1.5748"	.644"	.934"	.576"	.13
3/4	1.150	1.8504	.726	1.032	.609	.25
7/8, 1 1/16, 1	1.360	2.0472	.761	1.067	.609	.44
1 1/8, 1 3/16, 1 1/4 S	1.598	2.4409	.896	1.230	.672	.63
1 3/8, 1 7/16	1.861	2.8346	.997	1.375	.748	.81

Part Numbers are Specified by "B150" and Bore Size; Example, "B150—3/4".

Used in PB150 and PB150L Pillow Blocks and FB150 and FB160 Flange Blocks.

LOAD RATINGS—100 and 150 Series Bearings

Table No. 3

Shaft Size in Inches	Bearing Radial Load Capacity in Pounds Based on Average Life of 2500 Hours							
	Revolutions per Minute							
	100	500	1000	1500	2000	2500	3000	3500
1/2, 5/8	1190	698	552	483	439	408	384	365
3/4	1453	853	674	590	536	498	468	445
7/8, 1 1/16, 1	1592	934	738	646	586	545	513	488
1 1/8, 1 3/16, 1 1/4 S	2221	1303	1030	902	819	761	716	680
1 3/8, 1 7/16	2927	1717	1358	1189	1079	1002	—	—

Maximum recommended Speeds:

1 1/4 and smaller—3500 R.P.M.

1 3/4 and larger —2500 R.P.M.

Operating Temperature Range: —25° to +250°F. For applications not shown in the table above, consult the Browning Engineers.

The bearing capacities listed at left are basic radial load ratings in pounds. They are for an average bearing life of 2500 hours at the speeds shown. If another average life is desired, these ratings must be modified by factors as follows:

500 Hours—1.71	6000 Hours—.75
1000 Hours—1.36	7000 Hours—.71
1500 Hours—1.19	8000 Hours—.68
2000 Hours—1.07	9000 Hours—.65
3000 Hours—.94	10000 Hours—.63
4000 Hours—.85	15000 Hours—.55
5000 Hours—.79	20000 Hours—.50

COMPARISON CHART

Table No. 4

PB100 Pillow Blocks

Browning Blocks	COMPARATIVE BLOCKS									
	Dodge	Fafnir		Linkbelt				Sealmaster	SKF	
PB100-1/2	SUP-1/2	PSD-1/2	RSD-1/2	P-W2B08U	P-W2B08E	P-Y2B08N	P-Y2B08B	LP-8	—	
PB100-3/8	SUP-3/8	PSD-3/8	RSD-3/8	P-W210U	P-W210E	P-Y210N	P-Y210B	LP-10	—	
PB100-3/4	SUP-3/4	PSD-3/4	RSD-3/4	P-W212U	P-W212E	P-Y212N	P-Y212B	LP-12	SYP-12	
PB100-7/8	SUP-7/8	PSD-7/8	RSD-7/8	P-W214U	P-W214E	P-Y214N	P-Y214B	LP-14	SYP-14	
PB100-1 1/16	SUP-1 1/16	PSD-1 1/16	RSD-1 1/16	P-W215U	P-W215E	P-Y215N	P-Y215B	LP-15	SYP-15	
PB100-1	SUP-1	PSD-1	RSD-1	P-W216U	P-W216E	P-Y216N	P-Y216B	LP-16	SYP-100	
PB100-1 1/8	SUP-1 1/8	PSD-1 1/8	RSD-1 1/8	P-W218U	P-W218E	P-Y218N	P-Y218B	LP-18	SYP-102	
PB100-1 1/4	SUP-1 1/4	PSD-1 1/4	RSD-1 1/4	P-W219U	P-W219E	P-Y219N	P-Y219B	LP-19	SYP-103	
PB100-1 3/8	*SUP-1 3/8	PSDS-1 3/8	RSDS-1 3/8	P-W2E20U	P-W2E20E	P-Y2E20N	P-Y2E20B	LP-20R	SYP-104A	
PB100-1 1/2	SUP-1 1/2	PSD-1 1/2	RSD-1 1/2	P-W222U	P-W222E	P-Y222N	P-Y222B	LP-22	SYP-106	
PB100-1 7/8	SUP-1 7/8	PSD-1 7/8	RSD-1 7/8	P-W223U	P-W223E	P-Y223N	P-Y223B	LP-23	SYP-107	

This Chart does not mean that our bearing unit is interchangeable in all dimensions with competitive units. In MOST cases they are dimensionally interchangeable but in ALL cases should be checked.

*This size is not Dimensionally Interchangeable.



Bearing Units

COMPARISON CHARTS

Table No. 1

PB100L Pillow Blocks

Browning Blocks	COMPARATIVE BLOCKS						
	Fafnir		Linkbelt				SKF
PB100L-1/2	PKD-1/2	RKD-1/2	PL-W2B08U	PL-W2B08E	PL-Y2B08N	PL-Y2B08B	SYHP-8
PB100L-3/8	PKD-3/8	RKD-3/8	PL-W210U	PL-W210E	PL-Y210N	PL-Y210B	SYHP-10
PB100L-3/4	PKD-3/4	RKD-3/4	PL-W212U	PL-W212E	PL-Y212N	PL-Y212B	SYHP-12
PB100L-7/8	PKD-7/8	RKD-7/8	PL-W214U	PL-W214E	PL-Y214N	PL-Y214B	SYHP-14
PB100L-15/16	PKD-15/16	RKD-15/16	PL-W215U	PL-W215E	PL-Y215N	PL-Y215B	SYHP-15
PB100L-1	PKD-1	RKD-1	PL-W216U	PL-W216E	PL-Y216N	PL-Y216B	SYHP-100
PB100L-1 1/8	PKD-1 1/8	RKD-1 1/8	PL-W218U	PL-W218E	PL-Y218N	PL-Y218B	SYHP-102
PB100L-1 1/4	PKD-1 1/4	RKD-1 1/4	PL-W219U	PL-W219E	PL-Y219N	PL-Y219B	SYHP-103
PB100L-1 1/4 S	PKDS-1 1/4	RKDS-1 1/4	PL-W220U	PL-W220E	PL-Y220N	PL-Y220B	SYHP-104A
PB100L-1 1/2	PKD-1 1/2	RKD-1 1/2	PL-W222U	PL-W222E	PL-Y222N	PL-Y222B	SYHP-106
PB100L-1 7/8	PKD-1 7/8	RKD-1 7/8	PL-W223U	PL-W223E	PL-Y223N	PL-Y223B	SYHP-107

Table No. 2 PB150 Pillow Blocks

Browning Blocks	COMPARATIVE BLOCKS			
	Fafnir		Linkbelt	
PB150-1/2	GPSD-1/2	GRSD-1/2	P-WG2B08U	P-YG2B08N
PB150-3/8	GPSD-3/8	GRSD-3/8	P-WG210U	P-YG210N
PB150-3/4	GPSD-3/4	GRSD-3/4	P-WG212U	P-YG212N
PB150-7/8	GPSD-7/8	GRSD-7/8	P-WG214U	P-YG214N
PB150-15/16	GPSD-15/16	GRSD-15/16	P-WG215U	P-YG215N
PB150-1	GPSD-1	GRSD-1	P-WG216U	P-YG216N
PB150-1 1/8	GPSD-1 1/8	GRSD-1 1/8	P-WG218U	P-YG218N
PB150-1 1/4	GPSD-1 1/4	GRSD-1 1/4	P-WG219U	P-YG219N
PB150-1 1/4 S	GPSDS-1 1/4	GRSDS-1 1/4	P-WG220U	P-YG220N
PB150-1 1/2	GPSD-1 1/2	GRSD-1 1/2	P-WG222U	P-YG222N
PB150-1 7/8	GPSD-1 7/8	GRSD-1 7/8	P-WG223U	P-YG223N

Table No. 3 PB150L Pillow Blocks

Browning Blocks	COMPARATIVE BLOCKS			
	Fafnir		Linkbelt	
PB150L-1/2	GPKD-1/2	GRKD-1/2	PL-WG2B08U	PL-YG2B08N
PB150L-3/8	GPKD-3/8	GRKD-3/8	PL-WG210U	PL-YG210N
PB150L-3/4	GPKD-3/4	GRKD-3/4	PL-WG212U	PL-YG212N
PB150L-7/8	GPKD-7/8	GRKD-7/8	PL-WG214U	PL-YG214N
PB150L-15/16	GPKD-15/16	GRKD-15/16	PL-WG215U	PL-YG215N
PB150L-1	GPKD-1	GRKD-1	PL-WG216U	PL-YG216N
PB150L-1 1/8	GPKD-1 1/8	GRKD-1 1/8	PL-WG218U	PL-YG218N
PB150L-1 1/4	GPKD-1 1/4	GRKD-1 1/4	PL-WG219U	PL-YG219N
PB150L-1 1/4 S	GPKDS-1 1/4	GRKDS-1 1/4	PL-WG220U	PL-YG220N
PB150L-1 1/2	GPKD-1 1/2	GRKD-1 1/2	PL-WG222U	PL-YG222N
PB150L-1 7/8	GPKD-1 7/8	GRKD-1 7/8	PL-WG223U	PL-YG223N

NOTE — Dodge "SU" Pillow Blocks are also interchangeable with PB150 Pillow Blocks, except 1 1/4 Bore.

Table No. 4 FB100 Flange Blocks

Browning Blocks	COMPARATIVE BLOCKS						
	Dodge	Fafnir		Linkbelt			Sealmaster
FB100-1/2	—	PFD-1/2	RFD-1/2	F-W2B08U	F-W2B08E	F-Y2B08N	—
FB100-3/8	—	PFD-3/8	RFD-3/8	F-W210U	F-W210E	F-Y210N	—
FB100-3/4	—	PFD-3/4	RFD-3/4	F-W212U	F-W212E	F-Y212N	LF-12
FB100-7/8	—	PFD-7/8	RFD-7/8	F-W214U	F-W214E	F-Y214N	LF-14
FB100-15/16	—	PFD-15/16	RFD-15/16	F-W215U	F-W215E	F-Y215N	LF-15
FB100-1	—	PFD-1	RFD-1	F-W216U	F-W216E	F-Y216N	LF-16
FB100-1 1/8	SUP3-1 1/8	PFD-1 1/8	RFD-1 1/8	F-W218U	F-W218E	F-Y218N	LF-18
FB100-1 1/4	SUP3-1 1/4	PFD-1 1/4	RFD-1 1/4	F-W219U	F-W219E	F-Y219N	LF-19
FB100-1 1/4 S	*SUP3-1 1/4	PFDS-1 1/4	RFDS-1 1/4	F-W220U	F-W220E	F-Y220N	LF-20R
FB100-1 1/2	SUP3-1 1/2	PFD-1 1/2	RFD-1 1/2	F-W222U	F-W222E	F-Y222N	LF-22
FB100-1 7/8	SUP3-1 7/8	PFD-1 7/8	RFD-1 7/8	F-W223U	F-W223E	F-Y223N	LF-23

* This size is not dimensionally interchangeable.

Table No. 5 FB110 Flange Blocks

Browning Blocks	COMPARATIVE BLOCKS						
	Dodge	Fafnir		Linkbelt			Sealmaster
FB110-1/2	—	PFTD-1/2	RFTD-1/2	FX-W2B08U	FX-W2B08E	FX-Y2B08N	LFT-8
FB110-3/8	—	PFTD-3/8	RFTD-3/8	FX-W210U	FX-W210E	FX-Y210N	LFT-10
FB110-3/4	SUP2-3/4	PFTD-3/4	RFTD-3/4	FX-W212U	FX-W212E	FX-Y212N	LFT-12
FB110-7/8	SUP2-7/8	PFTD-7/8	RFTD-7/8	FX-W214U	FX-W214E	FX-Y214N	LFT-14
FB110-15/16	SUP2-15/16	PFTD-15/16	RFTD-15/16	FX-W215U	FX-W215E	FX-Y215N	LFT-15
FB110-1	SUP2-1	PFTD-1	RFTD-1	FX-W216U	FX-W216E	FX-Y216N	LFT-16
FB110-1 1/8	—	PFTD-1 1/8	RFTD-1 1/8	FX-W218U	FX-W218E	FX-Y218N	LFT-18
FB110-1 1/4	—	PFTD-1 1/4	RFTD-1 1/4	FX-W219U	FX-W219E	FX-Y219N	LFT-19
FB110-1 1/4 S	—	PFTDS-1 1/4	RFDS-1 1/4	FX-W220U	FX-W220E	FX-Y220N	LFT-20R
FB110-1 1/2	—	PFTD-1 1/2	RFTD-1 1/2	FX-W222U	FX-W222E	FX-Y222N	LFT-22
FB110-1 7/8	—	PFTD-1 7/8	RFTD-1 7/8	FX-W223U	FX-W223E	FX-Y223N	LFT-23

Table No. 6 FB150 Flange Blocks

Browning Blocks	COMPARATIVE BLOCKS			
	Fafnir		Linkbelt	
FB150-1/2	GPFD-1/2	GRFD-1/2	F-WG2B08U	F-YG2B08N
FB150-3/8	GPFD-3/8	GRFD-3/8	F-WG210U	F-YG210N
FB150-3/4	GPFD-3/4	GRFD-3/4	F-WG212U	F-YG212N
FB150-7/8	GPFD-7/8	GRFD-7/8	F-WG214U	F-YG214N
FB150-15/16	GPFD-15/16	GRFD-15/16	F-WG215U	F-YG215N
FB150-1	GPFD-1	GRFD-1	F-WG216U	F-YG216N
FB150-1 1/8	GPFD-1 1/8	GRFD-1 1/8	F-WG218U	F-YG218N
FB150-1 1/4	GPFD-1 1/4	GRFD-1 1/4	F-WG219U	F-YG219N
FB150-1 1/4 S	GPFDS-1 1/4	GRFDS-1 1/4	F-WG220U	F-YG220N
FB150-1 1/2	GPFD-1 1/2	GRFD-1 1/2	F-WG222U	F-YG222N
FB150-1 7/8	GPFD-1 7/8	GRFD-1 7/8	F-WG223U	F-YG223N

Table No. 7 FB160 Flange Blocks

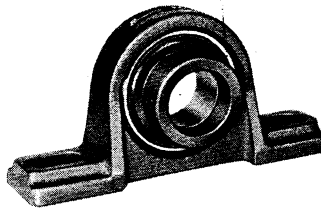
Browning Blocks	COMPARATIVE BLOCKS			
	Fafnir		Linkbelt	
FB160-1/2	GPFTD-1/2	GRFTD-1/2	FX-WG2B08U	FX-YG2B08N
FB160-3/8	GPFTD-3/8	GRFTD-3/8	FX-WG210U	FX-YG210N
FB160-3/4	GPFTD-3/4	GRFTD-3/4	FX-WG212U	FX-YG212N
FB160-7/8	GPFTD-7/8	GRFTD-7/8	FX-WG214U	FX-YG214N
FB160-15/16	GPFTD-15/16	GRFTD-15/16	FX-WG215U	FX-YG215N
FB160-1	GPFTD-1	GRFTD-1	FX-WG216U	FX-YG216N
FB160-1 1/8	GPFTD-1 1/8	GRFTD-1 1/8	FX-WG218U	FX-YG218N
FB160-1 1/4	GPFTD-1 1/4	GRFTD-1 1/4	FX-WG219U	FX-YG219N
FB160-1 1/4 S	GPFTDS-1 1/4	GRFTDS-1 1/4	FX-WG220U	FX-YG220N
FB160-1 1/2	GPFTD-1 1/2	GRFTD-1 1/2	FX-WG222U	FX-YG222N
FB160-1 7/8	GPFTD-1 7/8	GRFTD-1 7/8	FX-WG223U	FX-YG223N

The above charts do not mean that our bearing units are interchangeable in all dimensions with competitive units. In MOST cases they are dimensionally interchangeable but in ALL cases should be checked.

Browning

Pillow Blocks

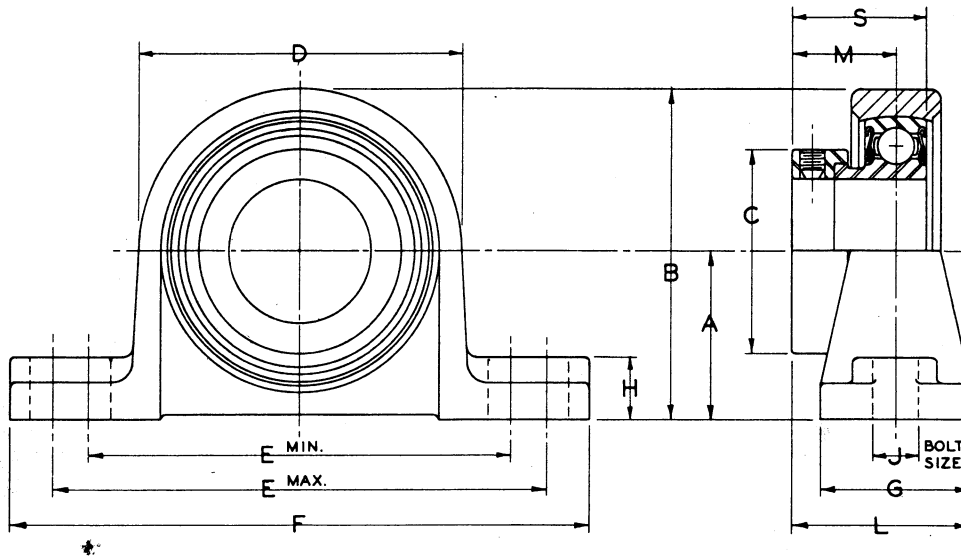
**LUBRICATED
FOR LIFE**



Malleable Housings

Eccentric Locking Collars

Self-Aligning Bearings



PB200 SERIES—For Low Shaft Heights

Table No. 1 Specifications

STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
1/2"	9/16", 5/8", 11/16"	1 1/16"	2 1/32"	1 3/16"	1 15/16"	2 15/16"	3 13/16"	4 7/8"	1 3/16"	7/16"	3/8"	1 29/64"	7/8"	1 1/8"	.9
3/4	—	1 1/4	2 3/8	1 5/16	2 1/4	3 5/16	4 3/16	5	1 3/8	7/16	3/8	1 19/32	5/4	1 1/32	1.0
1	1 3/16, 7/8, 15/16	1 5/16	2 9/16	1 1/2	2 1/2	3 3/8	4 1/2	5 3/8	1 1/2	1/2	3/8	1 43/64	5/4	1 1/32	1.6
1 3/16	1 1/16, 1/8, 1 1/4 S	1 9/16	3 1/32	1 3/4	2 5/16	4 1/4	5 1/8	6 1/16	1 1/2	9/16	1/2	1 13/16	1 3/2	1 13/32	2.0
1 7/16	1 1/4, 1 5/16, 1 3/8	1 13/16	3 1/2	2 3/16	3 3/8	4 3/8	5 1/2	6 7/16	1 3/4	9/16	1/2	2 1/32	1 3/2	1 17/32	3.0
1 1/2	1 9/16	1 15/16	3 13/16	2 3/8	3 3/4	4 15/16	5 13/16	6 7/8	1 3/4	5/8	1/2	2 7/64	1 15/4	1 19/32	3.4
1 11/16	1 5/8, 1 3/4	2 1/16	4 1/16	2 1/2	4	5 1/16	6 3/16	7 1/4	1 7/8	3/4	1/2	2 7/32	1 9/2	1 23/32	4.1
1 15/16	1 7/8	2 3/16	4 5/16	2 3/4	4 1/4	5 13/16	6 11/16	7 7/8	2 1/8	3/4	5/8	2 3/8	1 9/2	1 23/32	5.0
2 3/16	2, 2 1/8	2 7/16	4 25/32	3	4 11/16	6 1/16	7 5/16	8 1/2	2 1/4	13/16	5/8	2 9/16	1 1/6	1 23/32	6.5
2 1/16	2 1/4, 2 3/8	2 11/16	5 9/32	3 5/16	5 3/16	6 15/16	8 1/16	9 1/4	2 3/8	7/8	5/8	2 11/16	1 1/2	1 15/16	8.0

Part Numbers are specified by "PB200" and bore size, Example: "PB200—1 1/4".

For Load Ratings, See Page 449. For Comparison Charts, See Page 450.

PB201 SERIES—For High Shaft Heights

Table No. 2 Specifications

STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
1/2"	9/16", 5/8", 11/16"	1 3/16"	2 5/32"	1 3/16"	1 15/16"	2 15/16"	3 13/16"	4 7/8"	1 3/16"	9/16"	3/8"	1 29/64"	7/8"	1 1/8"	.9
3/4	—	1 5/16	2 7/16	1 5/16	2 1/4	3 5/16	4 3/16	5	1 3/8	1/2	3/8	1 19/32	5/8	1 1/32	1.3
1	1 3/16, 7/8, 1 5/16	1 7/16	2 11/16	1 1/2	2 1/2	3 3/8	4 1/2	5 3/8	1 1/2	5/8	3/8	1 43/64	5/8	1 1/32	1.8
1 3/16	1 1/16, 1 1/8, 1 1/4 S	1 11/16	3 5/32	1 3/4	2 5/16	4 1/4	5 1/8	6 1/16	1 1/2	11/16	1/2	1 13/16	1 3/2	1 13/32	2.3
1 7/16	1 1/4, 1 5/16, 1 3/8	1 7/8	3 9/16	2 3/16	3 3/8	4 3/8	5 1/2	6 7/16	1 3/4	5/8	1/2	2 1/32	1 3/2	1 17/32	3.0
1 1/2	1 9/16	2	3 3/8	2 3/8	3 3/4	4 15/16	5 13/16	6 7/8	1 3/4	11/16	1/2	2 7/64	1 15/4	1 19/32	3.6
1 11/16	1 5/8, 1 3/4	2 1/8	4 1/8	2 1/2	4	5 1/16	6 3/16	7 1/4	1 7/8	13/16	1/2	2 7/32	1 9/2	1 23/32	4.5
1 15/16	1 7/8	2 1/4	4 3/8	2 3/4	4 1/4	5 13/16	6 11/16	7 7/8	2 1/8	13/16	5/8	2 3/8	1 9/2	1 23/32	5.4
2 3/16	2, 2 1/8	2 1/2	4 27/32	3	4 11/16	6 1/16	7 5/16	8 1/2	2 1/4	7/8	5/8	2 9/16	1 1/6	1 23/32	6.6
2 1/16	2 1/4, 2 3/8	2 3/4	5 11/32	3 5/16	5 3/16	6 15/16	8 1/16	9 1/4	2 3/8	15/16	5/8	2 11/16	1 1/2	1 15/16	8.3

Part Numbers are specified by "PB201" and bore size, Example: "PB201—1 1/2".

For Load Ratings, See Page 449. For Comparison Charts, See Page 450.

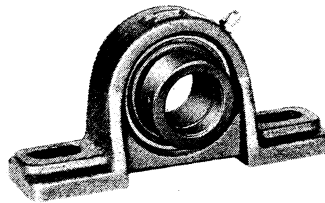
Browning

Pillow Blocks

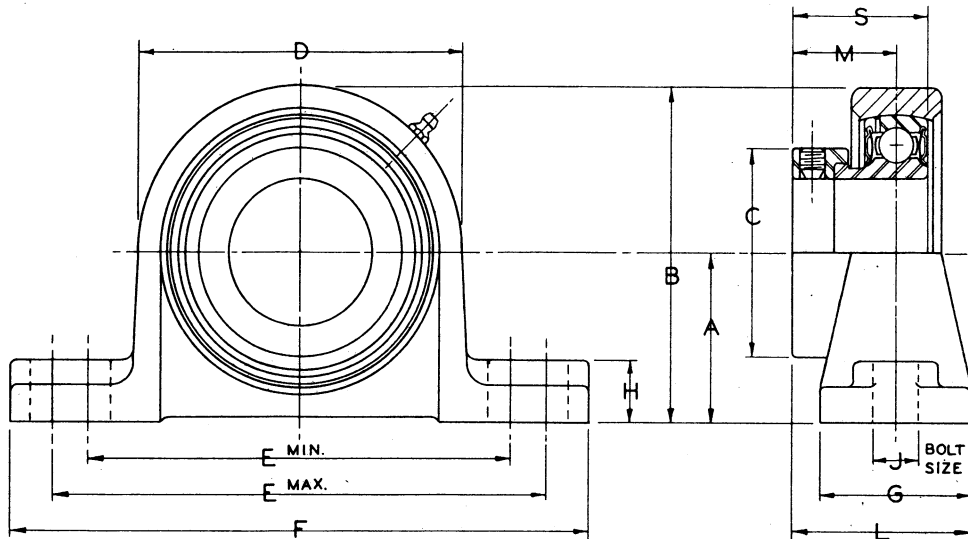
Malleable Housings

Self-Aligning Bearings

Eccentric Locking Collars



RELUBE TYPE



PB220 SERIES—For Low Shaft Heights

Table No. 1 Specifications

STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
1/2" 3/4"	9/16", 5/8", 11/16" —	1 1/16" 1 1/4"	2 1/32" 2 3/8"	1 3/16" 1 5/16"	1 15/16" 2 1/4"	2 15/16" 3 5/16"	3 13/16" 4 3/16"	4 5/8" 5	1 3/16" 1 3/8"	7/16" 7/16"	3/8" 3/8"	1 29/64" 1 19/32"	7/8" 5 5/16"	1 1/8" 1 1/2"	.9 1.1
1 1 1/16"	1 3/16", 7/8", 1 5/16" 1 1/16", 1 1/8", 1 1/4"	1 5/16" 1 9/16"	2 9/16" 3 1/32"	1 1/2" 1 3/4"	2 1/2" 2 15/16"	3 3/8" 4 1/4"	4 1/2" 5 1/2"	5 3/8" 6 1/16"	1 1/2" 1 1/2"	7/8" 9/16"	3/8" 1/2"	1 43/64" 1 13/16"	5 5/8" 1 3/32"	1 1/2" 1 11/32"	1.5 2.3
1 1/8" 1 1/16"	1 1/4", 1 5/16", 1 3/8"	1 11/16" 3 1/2"	2 3/16" 3 1/2"	2 3/8" 2 3/8"	3 3/8" 3 3/8"	4 3/8" 5 1/2"	5 1/2" 6 7/16"	6 1/16" 6 7/16"	1 3/4" 1 3/4"	9/16" 1/2"	1/2" 1/2"	2 1/32" 2 1/32"	1 5/32" 1 5/32"	1 11/32" 1 11/32"	2.9
1 1/2" 1 11/16"	1 9/16" 1 5/8", 1 3/4"	1 15/16" 2 1/16"	3 13/16" 4 1/16"	2 3/8" 2 1/2"	3 3/4" 4	4 15/16" 5 5/16"	5 13/16" 6 3/16"	6 7/8" 7 1/4"	1 3/4" 1 7/8"	5/8" 1/2"	1/2" 1/2"	2 7/64" 2 7/32"	1 15/64" 1 13/32"	1 11/32" 1 13/32"	3.3 4.1
1 5/8" 1 15/16"	1 7/8" 2, 2 1/8"	2 3/16" 2 7/16"	4 5/16" 4 25/32"	2 3/4" 3	4 1/4" 4 11/16"	5 13/16" 6 3/16"	6 11/16" 7 5/16"	7 7/8" 8 1/2"	2 1/8" 2 1/4"	5/8" 13/16"	1/2" 5/8"	2 3/8" 2 9/16"	1 3/32" 1 7/16"	1 13/32" 1 29/32"	5.0 6.5
2 3/16" 2 1/8"	2 1/4", 2 3/8"	2 11/16" 5 9/32"	3 1/16" 3 5/16"	5 3/16" 5 3/16"	6 15/16" 8 1/16"	7 1/16" 8 1/16"	8 1/16" 9 1/4"	9 1/4" 9 1/4"	2 3/8" 2 3/8"	5/8" 7/8"	1/2" 5/8"	2 11/16" 2 11/16"	1 1/2" 1 1/2"	1 15/16" 1 15/16"	8.1

Part Numbers are specified by "PB220" and bore size, Example: "PB220—1 1/8".
For Load Ratings, See Page 449. For Comparison Charts, See Page 450.

PB221 SERIES—For High Shaft Heights

Table No. 2 Specifications

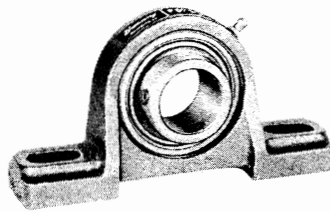
STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
1/2"	9/16", 5/8", 11/16"	13/16"	25/32"	13/16"	115/16"	215/16"	313/16"	45/8"	13/16"	9/16"	3/8"	129/64"	7/8"	11/8"	.9
3/4"		15/16"	27/16"	15/16"	21/4"	35/16"	43/16"	5"	13/8"	1/2"	3/8"	119/32"	55/16"	17/32"	1.2
1"	13/16", 7/8", 15/16"	17/16"	21/16"	11/2"	21/2"	31/4"	41/2"	53/8"	11/2"	7/8"	3/8"	143/64"	55/8"	17/32"	1.8
1 1/16"	11/16", 11/8", 1 1/4"	111/16"	35/32"	13/4"	215/16"	41/4"	51/2"	61/16"	11/2"	11/16"	1/2"	113/16"	13/32"	113/32"	2.4
1 1/8"	1 1/4", 1 5/16", 1 3/8"	17/8"	39/16"	23/16"	33/8"	43/8"	51/2"	67/16"	13/4"	5/8"	1/2"	21/32"	17/32"	117/32"	3.0
1 1/2"	1 9/16"	2"	37/8"	23/8"	33/4"	415/16"	513/16"	67/8"	13/4"	11/16"	1/2"	27/64"	115/64"	119/32"	3.6
1 11/16"	1 5/8", 1 3/4"	2 1/8"	41/8"	21/2"	4"	55/16"	63/16"	71/4"	17/8"	5/8"	1/2"	27/32"	123/32"	123/32"	4.4
1 5/8"	1 7/8"	2 1/4"	43/8"	23/4"	41/4"	513/16"	611/16"	77/8"	21/8"	13/16"	5/8"	23/32"	19/32"	123/32"	5.3
2 3/16"	2, 2 1/8"	2 1/2"	47/32"	3"	411/16"	63/16"	75/16"	81/2"	21/4"	7/8"	1/2"	29/16"	17/16"	129/32"	6.4
2 1/8"	2 1/4", 2 3/8"	23/4"	511/32"	35/16"	53/16"	615/16"	81/16"	91/4"	23/8"	15/16"	5/8"	211/16"	11/2"	115/16"	8.6

Part Numbers are specified by "PB221" and bore size, Example: "PB221—1 1/2".
For Load Ratings, See Page 449. For Comparison Charts, See Page 450.

Browning

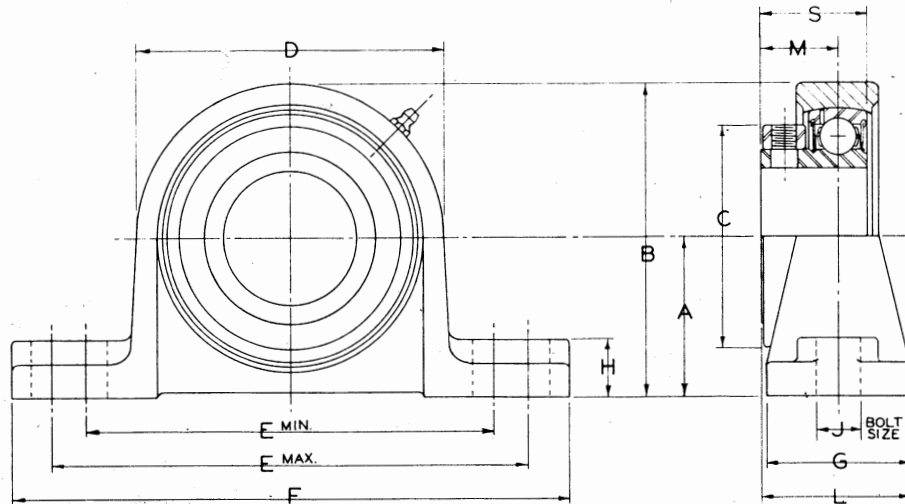
Pillow Blocks

RELUBE TYPE



Malleable Housings

Self-Aligning Bearings
with Setscrew Locking



PB250 SERIES—For Low Shaft Heights

Table No. 1

Specifications

STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C*	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
1/2"	9/16", 5/8", 11/16"	1 1/16"	2 1/32"	3 1/32"	1 15/16"	2 15/16"	3 13/16"	4 5/8"	1 3/16"	7/16"	3/8"	1 15/64"	4 1/64"	1 5/16"	.8
3/4	—	1 1/4	2 3/8	1 5/32	2 1/4	3 5/16	4 3/16	5	1 3/8	7/16	3/8	1 13/32	2 3/32	1 1/32	1.0
1	13/16, 7/8, 15/16	1 5/8	2 9/16	1 23/64	2 1/2	3 7/8	4 1/2	5 3/8	1 1/2	7/8	3/8	1 33/64	4 9/64	1 1/16	1.5
1 1/16	1 1/16, 1 1/8	1 9/16	3 1/32	1 19/32	2 5/16	4 1/4	5 1/8	6 1/16	1 1/2	9/16	1/2	1 41/64	5 7/64	1 1/8	2.0
1 1/8	1 1/4, 1 5/16, 1 3/8	1 11/16	3 1/2	1 55/64	3 3/8	4 7/8	5 1/2	6 7/16	1 3/4	9/16	1/2	1 7/8	1	1 3/8	2.8
1 1/2	1 9/16	1 15/16	3 13/16	2 3/4	3 3/4	4 15/16	5 13/16	6 7/8	1 3/4	5/8	1/2	1 29/32	1 11/32	1 7/16	3.6
1 11/16	1 7/8, 1 3/4	2 1/16	4 1/16	2 7/8	4	5 5/16	6 3/16	7 1/4	1 7/8	3/4	1/2	1 31/32	1 11/32	1 7/16	4.3
1 5/8	1 7/8	2 3/16	4 9/16	3 1/16	4 1/4	5 13/16	6 11/16	7 7/8	2 1/8	3/4	5/8	2 7/64	1 3/64	1 23/64	5.2
23/16	2, 2 3/8	2 7/16	4 25/32	3 3/8	4 11/16	6 3/16	7 5/16	8 1/2	2 1/4	13/16	5/8	2 3/16	1 1/16	1 33/64	6.3
2 1/8	2 1/4, 2 3/8	2 11/16	5 9/32	3 11/16	5 1/8	6 15/16	8 1/16	9 1/4	2 3/8	7/8	5/8	2 9/32	1 3/32	1 37/64	8.6
2 1/16	—	3 1/4	6 3/16	4 3/4	6 1/8	7 15/16	9 9/16	11	2 7/8	1 1/8	3/4	2 25/32	1 11/32	1 57/64	14.3

Part Numbers are specified by "PB250" and bore size, Example: "PB250—1 1/8".

*Bearings with bores from 1/2" to 1 1/8" have no extra collar but have setscrews in the extended inner race.

For Load Ratings, See Page 449. For Comparison Charts, See Page 450.

PB251 SERIES—For High Shaft Heights

Table No. 2

Specifications

STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C*	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
1/2"	9/16", 5/8", 11/16"	13/16"	25/32"	31/32"	115/16"	215/16"	313/16"	45/8"	13/16"	9/16"	3/8"	115/64"	41/64"	15/16"	.9
3/4"	—	15/16"	27/16"	15/32"	21/4"	35/16"	43/16"	5"	13/8"	1/2"	3/8"	113/32"	23/32"	13/32"	1.1
1	13/16, 7/8, 15/16"	17/16"	211/16"	123/64"	21/2"	33/8"	41/2"	53/8"	11/2"	5/8"	3/8"	133/64"	49/64"	111/16"	1.6
1 1/16	1 1/16, 1 1/8"	111/16"	33/32"	119/32"	219/16"	41/4"	51/8"	61/16"	11/2"	11/16"	1/2"	141/64"	57/64"	115/64"	2.4
1 1/8	1 1/4, 1 5/16, 1 3/8"	17/8"	39/16"	155/64"	33/8"	47/8"	51/2"	67/16"	13/4"	5/8"	1/2"	17/8"	1	13/8"	2.8
1 1/2	1 9/16"	2	37/8"	23/4"	33/4"	415/16"	513/16"	67/8"	13/4"	111/16"	1/2"	129/32"	113/32"	17/16"	3.7
1 11/16	1 5/8, 1 3/4"	2 1/8"	41/8"	31/8"	4"	55/16"	63/16"	71/4"	17/8"	13/16"	1/2"	131/32"	113/32"	17/16"	4.3
1 5/8	1 7/8"	2 3/16"	45/16"	37/16"	4 1/4"	513/16"	611/16"	77/8"	21/8"	13/16"	5/8"	27/64"	113/64"	125/64"	5.3
2 1/16	2, 2 1/8"	2 7/16"	427/32"	37/8"	4 11/16"	63/16"	75/16"	81/2"	21/4"	7/8"	5/8"	23/16"	111/16"	133/64"	6.3
2 1/8	2 1/4, 2 3/8"	2 11/16"	59/32"	311/16"	53/16"	611/16"	811/16"	91/4"	23/8"	15/16"	5/8"	29/32"	13/32"	137/64"	8.6
2 1/16	—	3 1/16"	63/16"	43/4"	61/8"	715/16"	99/16"	11	27/8"	11/8"	3/4"	225/32"	111/32"	153/64"	14.3

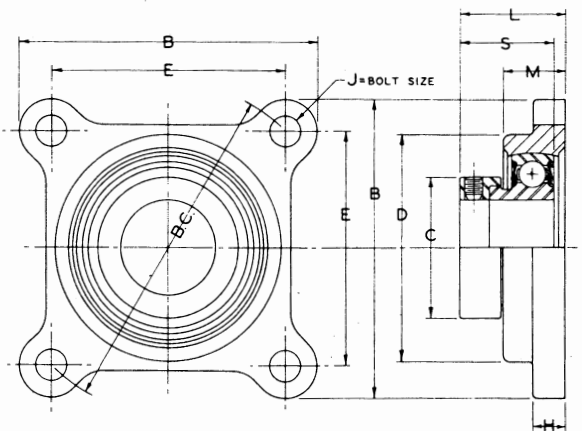
Part Numbers are specified by "PB251" and bore size, Example: "PB251—1 1/8".

*Bearings with bores from 1/2" to 1 1/8" have no extra collar but have setscrews in the extended inner race.

For Load Ratings, See Page 449. For Comparison Charts, See Page 450.

Browning

Flange Blocks



FB200—Four Hole Series LUBRICATED FOR LIFE

Malleable Housings

Self-Aligning Bearings

Eccentric
Locking Collars

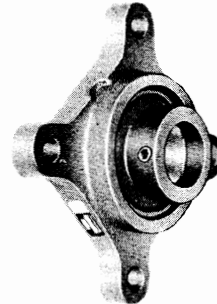
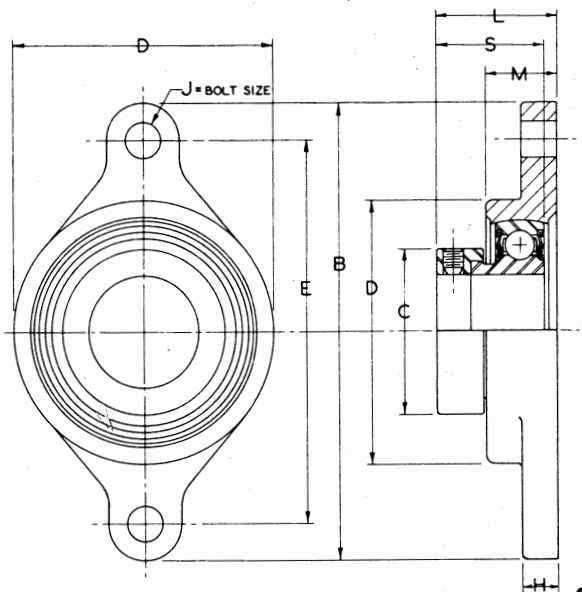


Table No. 1

Specifications

STOCK BORES		DIMENSIONS										Wt. Lbs.
Basic	Other	B	B.C.	C	D	E	H	J	L	M	S	
1/2"	9/16", 5/8", 11/16"	2 15/16"	3"	1 3/16"	1 15/16"	2 1/8"	3/8"	3/8"	1 19/64"	23/32"	1 1/8"	.8
3/4"		3 5/16"	3 17/32"	1 5/16"	2 1/4"	2 1/2"	3/8"	3/8"	1 3/8"	13/16"	1 1/2"	1.0
1"	13/16", 7/8", 15/16"	3 11/16"	3 5/6"	1 1/2"	2 1/2"	2 3/4"	7/16"	7/16"	1 27/64"	29/32"	1 3/4"	1.5
1 1/16"	1 1/16", 1 1/8", 1 1/4"	4 3/16"	4 1 3/32"	1 3/4"	2 5/16"	3 1/4"	1/2"	1/2"	1 19/16"	31/32"	1 3/2"	2.1
1 3/16"	1 1/4", 1 5/16", 1 3/8"	4 1 1/16"	5 5/8"	2 3/16"	3 3/8"	3 3/8"	1/2"	1/2"	1 11/16"	1 1/32"	1 1 3/32"	2.8
1 1/2"		5 1/16"	5 21/32"	2 3/8"	3 3/4"	4"	9/16"	1/2"	1 49/64"	1 1/32"	1 1 3/2"	3.5
1 11/16"	1 7/8", 1 3/4"	5 1/4"	5 53/64"	2 1/2"	4"	4 1/8"	5/16"	1/2"	1 27/32"	1 3/32"	1 2 3/2"	4.1
1 5/16"	1 7/8"	5 1/2"	6 3/16"	2 3/4"	4 1/4"	4 3/8"	5/8"	1/2"	1 29/32"	1 1/8"	1 2 3/2"	4.6
2 1/16"	2", 2 1/8"	6 3/8"	7 1/4"	3"	4 1 1/16"	5 1/8"	5/8"	5/8"	2 1/32"	1 3/16"	1 2 3/2"	6.1
2 1/16"	2 1/4", 2 3/8"	6 7/8"	7 1 1/16"	3 5/16"	5 1/16"	5 3/8"	1 1/16"	5/8"	2 1/8"	1 3/16"	1 1 1/16"	7.5

Part Numbers are specified by "FB200" and bore size, Example: "FB200—1/2".
For Load Ratings, See Page 449. For Comparison Chart, See Page 451.



FB210—Two Hole Series LUBRICATED FOR LIFE

Malleable Housings

Self-Aligning Bearings

Eccentric
Locking Collars

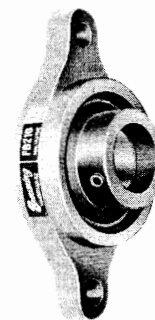


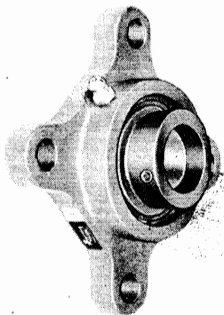
Table No. 2

Specifications

STOCK BORES		DIMENSIONS									Wt. Lbs.
Basic	Other	B	C	D	E	H	J	L	M	S	
1/2"	9/16", 5/8", 11/16"	3 13/16"	1 3/16"	2 1/16"	3"	3/8"	3/8"	1 19/64"	23/32"	1 1/8"	.6
3/4"	—	4 11/32"	1 5/16"	2 3/8"	3 17/32"	3/8"	3/8"	1 3/8"	13/16"	1 1/2"	.8
1	13/16, 7/8, 15/16	4 27/32"	1 1/2"	2 5/8"	3 57/64"	7/16"	7/16"	1 27/64"	29/32"	1 3/4"	1.2
1 1/16	1 1/16, 1 1/8, 1 1/4 S	5 17/32"	1 3/4"	3 1/16"	4 19/32"	1/2"	7/16"	1 19/16"	31/32"	1 13/32"	1.8
1 3/16	1 1/4, 1 5/16, 1 3/8	6 3/16"	2 3/16"	3 1/2"	5 1/8"	1/2"	1/2"	1 11/16"	1 1/32"	1 11/32"	2.4
1 7/16											
1 1/2	1 9/16	6 23/32"	2 3/8"	3 7/8"	5 21/32"	9/16"	1/2"	1 49/64"	1 1/32"	1 1 3/2"	2.8
1 11/16	1 7/8, 1 3/4	6 61/64"	2 1/2"	4 1/8"	5 53/64"	9/16"	1/2"	1 27/32"	1 3/32"	1 2 3/2"	3.4
1 5/16	1 7/8	7 5/16"	2 3/4"	4 3/8"	6 3/16"	5/8"	1/2"	1 29/32"	1 1/8"	1 2 3/2"	3.8
2 1/16	2, 2 1/8	8 1/2"	3"	4 13/16"	7 1/4"	5/8"	5/8"	2 1/32"	1 3/16"	1 2 3/2"	4.9

Part Numbers are specified by "FB210" and bore size, Example: "FB210—1/2".
For Load Ratings, See Page 449. For Comparison Chart, See Page 451.

FB220—Four Hole Series RELUBE TYPE



Malleable Housings
◆
Self-Aligning Bearings
◆
Eccentric
Locking Collars

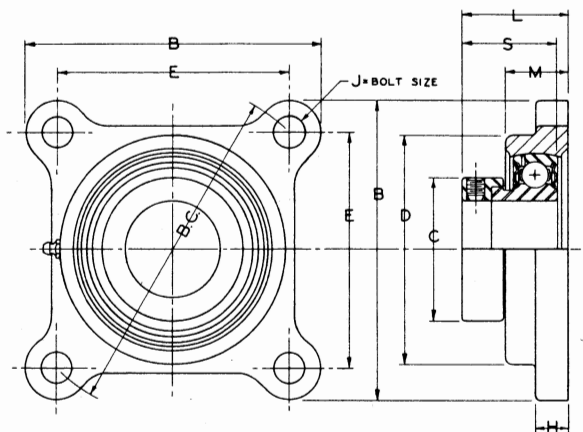


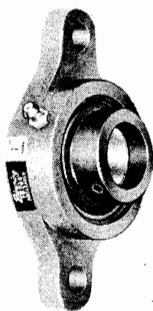
Table No. 1

Specifications

STOCK BORES		DIMENSIONS										Wt. Lbs.
Basic	Other	B	B.C.	C	D	E	H	J	L	M	S	
1/2"	9/16", 5/8", 11/16"	2 15/16"	3"	1 3/16"	1 15/16"	2 1/8"	3/8"	3/8"	1 19/64"	23/32"	1 1/8"	.7
3/4"	—	3 5/16"	3 1/2"	1 5/16"	2 1/4"	2 1/2"	3/8"	3/8"	1 13/16"	13/16"	1 1/2"	1.0
1"	1 3/16", 7/8", 1 5/16"	3 11/16"	3 5/8"	1 1/2"	2 1/2"	2 3/4"	7/16"	7/16"	1 27/64"	29/32"	1 1/2"	1.4
1 1/16"	1 1/16", 1 1/8", 1 1/4"	4 3/16"	4 1/2"	1 3/4"	2 15/16"	3 1/4"	1/2"	7/16"	1 19/16"	31/32"	1 13/32"	2.0
1 1/4"	1 1/4", 1 5/16", 1 3/8"	4 11/16"	5 1/8"	2 3/16"	3 3/8"	3 3/8"	1/2"	1/2"	1 11/16"	1 1/32"	1 17/32"	2.8
1 1/2"	1 9/16"	5 1/16"	5 1/2"	2 3/8"	3 3/4"	4"	9/16"	1/2"	1 49/64"	1 1/32"	1 9/32"	3.4
1 11/16"	1 5/8", 1 3/4"	5 1/4"	5 3/4"	2 1/2"	4"	4 1/8"	9/16"	1/2"	1 27/32"	13/32"	1 23/32"	3.9
1 15/16"	1 7/8"	5 1/2"	6 3/16"	2 3/4"	4 1/4"	4 3/8"	5/8"	1/2"	1 29/32"	1 1/8"	1 23/32"	4.4
2 3/16"	2, 2 1/8"	6 3/8"	7 1/4"	3"	4 11/16"	5 1/8"	5/8"	5/8"	2 1/32"	13/16"	1 29/32"	5.9
2 1/4"	2 1/4", 2 3/8"	6 7/8"	7 15/16"	3 5/16"	5 3/16"	5 5/8"	1 1/16"	5/8"	2 1/8"	1 3/16"	1 15/16"	7.4

Part Numbers are specified by "FB220" and bore size, Example: "FB220—1/2".
For Load Ratings, See Page 449. For Comparison Chart, See Page 451.

FB230—Two Hole Series RELUBE TYPE



Malleable Housings
◆
Self-Aligning Bearings
◆
Eccentric
Locking Collars

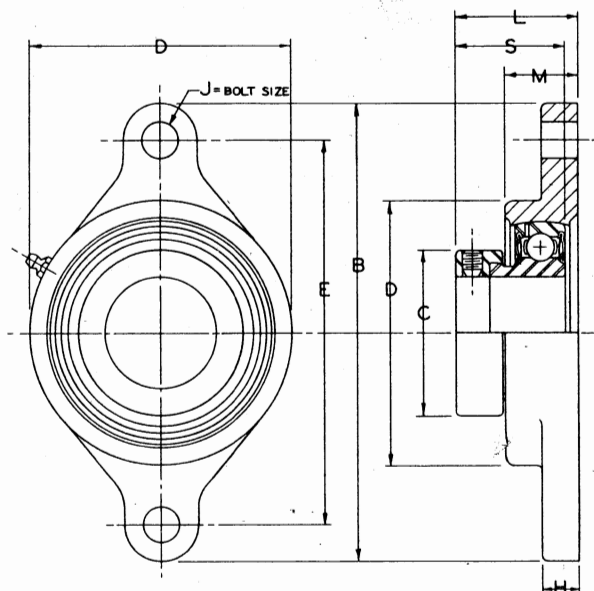


Table No. 2

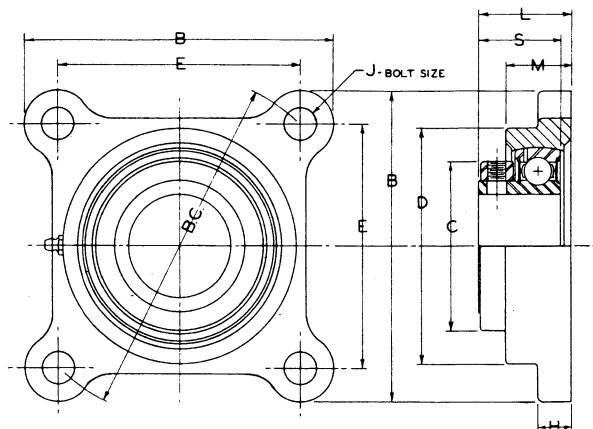
Specifications

STOCK BORES		DIMENSIONS									Wt. Lbs.
Basic	Other	B	C	D	E	H	J	L	M	S	
1/2"	9/16", 5/8", 11/16"	3 13/16"	1 3/16"	2 1/16"	3"	3/8"	3/8"	1 19/64"	23/32"	1 1/8"	.6
3/4"		4 11/32"	1 7/16"	2 3/8"	3 17/32"	3/8"	3/8"	1 13/16"	13/16"	1 1/2"	.9
1"	1 3/16", 7/8", 1 5/16"	4 27/32"	1 1/2"	2 5/8"	3 57/64"	7/16"	7/16"	1 27/64"	29/32"	1 1/2"	1.2
1 3/16"	1 1/16", 1 1/8", 1 1/4"	5 17/32"	1 3/4"	3 1/16"	4 19/32"	1/2"	7/16"	1 19/16"	31/32"	1 13/32"	1.7
1 1/16"	1 1/4", 1 5/16", 1 3/8"	6 3/16"	2 3/16"	3 1/2"	5 1/8"	1/2"	1/2"	1 11/16"	1 1/32"	1 17/32"	2.4
1 1/2"	1 9/16"	6 23/32"	2 3/8"	3 7/8"	5 21/32"	9/16"	1/2"	1 49/64"	1 1/32"	1 9/32"	2.8
1 11/16"	1 5/8", 1 3/4"	6 61/64"	2 1/2"	4 1/8"	5 53/64"	9/16"	1/2"	1 27/32"	13/32"	1 23/32"	3.4
1 15/16"	1 7/8"	7 5/16"	2 3/4"	4 3/8"	6 3/16"	5/8"	1/2"	1 29/32"	1 1/8"	1 23/32"	4.0
2 3/16"	2, 2 1/8"	8 1/2"	3"	4 13/16"	7 1/4"	5/8"	5/8"	2 1/32"	1 3/16"	1 29/32"	5.0

Part Numbers are specified by "FB230" and bore size, Example: "FB230—7/8".
For Load Ratings, See Page 449. For Comparison Chart, See Page 451.

Browning

Flange Blocks



FB250—Four Hole Series RELUBE TYPE

Malleable Housings

Self-Aligning Bearings
with Setscrew Locking

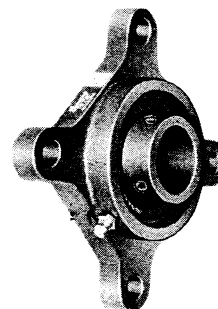


Table No. 1

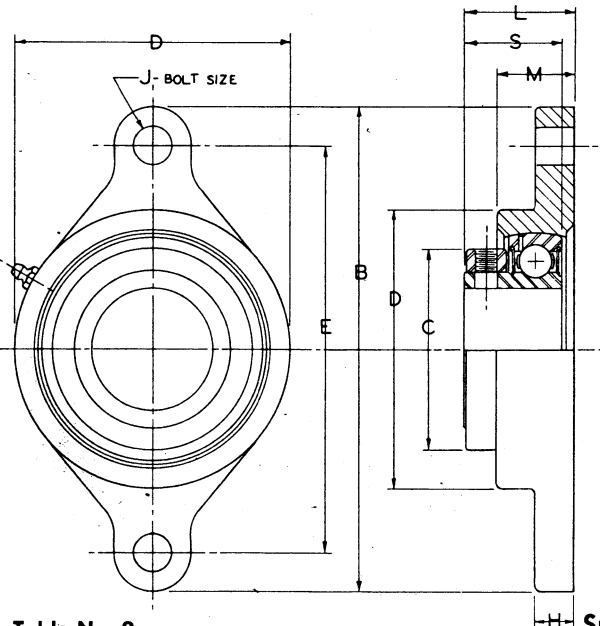
Specifications

STOCK BORES		DIMENSIONS										Wt. Lbs.
Basic	Other	B	BC	C*	D	E	H	J	L	M	S	
1/2"	9/16", 5/8", 11/16"	2 15/16"	3"	3 1/32"	1 15/16"	2 1/8"	3/8"	3/8"	1 9/64"	2 3/32"	1 5/16"	.7
3/4"	—	3 5/16"	3 17/32"	1 5/32"	2 1/4"	2 1/2"	3/8"	3/8"	1 7/32"	1 3/16"	1 1/32"	1.8
1"	1 3/16", 7/8", 15/16"	3 11/16"	3 5/8"	1 23/64"	2 1/2"	2 3/4"	7/16"	7/16"	1 17/64"	2 9/32"	1 1/16"	1.3
1 1/16"	1 1/16", 1 1/8"	4 3/16"	4 1 3/32"	1 19/32"	2 15/16"	3 1/4"	1/2"	7/16"	1 27/64"	3 1/32"	1 15/64"	1.9
1 1/8"	1 1/4", 1 5/16", 1 3/8"	4 11/16"	5 1/8"	1 55/64"	3 3/8"	3 5/8"	1/2"	7/16"	1 37/64"	1 1/32"	1 3/8"	2.5
1 1/2"	1 9/16"	5 1/16"	5 2 1/32"	2 3/4"	3 3/4"	4"	9/16"	1/2"	1 39/64"	1 1/32"	1 7/16"	3.5
1 11/16"	1 7/8", 1 3/4"	5 1/4"	5 5 3/64"	2 7/8"	4"	4 1/8"	9/16"	1/2"	1 5/8"	1 3/32"	1 7/16"	3.9
1 15/16"	1 7/8"	5 1/2"	6 3/16"	3 1/16"	4 1/4"	4 3/8"	5/8"	1/2"	1 21/32"	1 1/8"	1 29/64"	4.4
2 1/16"	2, 2 1/8"	6 3/8"	7 1/4"	3 3/8"	4 11/16"	5 1/8"	5/8"	5/8"	1 45/64"	1 3/16"	1 33/64"	6.0
2 1/8"	2 1/4", 2 3/8"	6 7/8"	7 15/16"	3 11/16"	5 3/16"	5 5/8"	1 1/16"	5/8"	1 49/64"	1 3/16"	1 37/64"	7.3
2 1/4"	—	7 5/8"	8 3 1/64"	4 3/4"	6 1/8"	6"	3/4"	3/4"	2 5/32"	1 1/32"	1 57/64"	11.7

Part Numbers are specified by "FB250" and bore size, Example: "FB250—3/4".

*Bearings with bores from 1/2" to 1 1/4" have no extra collar but have setscrews in the extended inner race.

For Load Ratings, See Page 449. For Comparison Chart, See Page 451.



FB260—Two Hole Series RELUBE TYPE

Malleable Housings

Self-Aligning Bearings
with Setscrew Locking

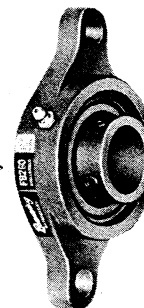


Table No. 2

Specifications

STOCK BORES		DIMENSIONS									Wt. Lbs.
Basic	Other	B	C*	D	E	H	J	L	M	S	
1/2"	9/16", 5/8", 11/16"	3 13/16"	3 1/32"	2 1/4"	3"	3/8"	3/8"	1 9/64"	2 3/32"	1 5/16"	.6
3/4"		4 11/32"	2 3/8"	2 3/8"	3 17/32"	3/8"	3/8"	1 7/32"	1 3/16"	1 1/32"	.7
1	13/16, 7/8, 15/16	4 27/32"	1 23/64"	2 5/8"	3 57/64"	7/16	7/16	1 17/64"	2 9/32"	1 1/16"	1.0
1 1/16	1 1/16, 1 1/8	5 17/32"	1 19/32"	3 1/16"	4 19/32"	1/2	7/16	1 27/64"	3 1/32"	1 15/64"	1.5
1 1/8	1 1/4, 1 5/16, 1 3/8	6 3/16"	1 55/64"	3 1/2"	5 1/8"	1/2	1/2	1 37/64"	1 1/32"	1 3/8"	2.1
1 1/2	1 9/16	6 23/32"	2 3/4"	3 3/8"	5 21/32"	9/16	1/2	1 39/64"	1 1/32"	1 7/16"	2.9
1 11/16	1 7/8, 1 3/4	6 61/64"	2 7/8"	4 1/8"	5 53/64"	9/16	1/2	1 5/8"	1 3/32"	1 7/16"	3.4
1 15/16	1 7/8	7 5/16"	3 1/16"	4 3/8"	6 3/16"	5/8	1/2	1 21/32"	1 1/8"	1 29/64"	3.8
2 1/16	2, 2 1/8	8 1/2"	3 3/8"	4 13/16"	7 1/4"	5/8	5/8	1 45/64"	1 3/16"	1 33/64"	5.0

Part Numbers are specified by "FB260" and bore size, Example: "FB260—1 1/4".

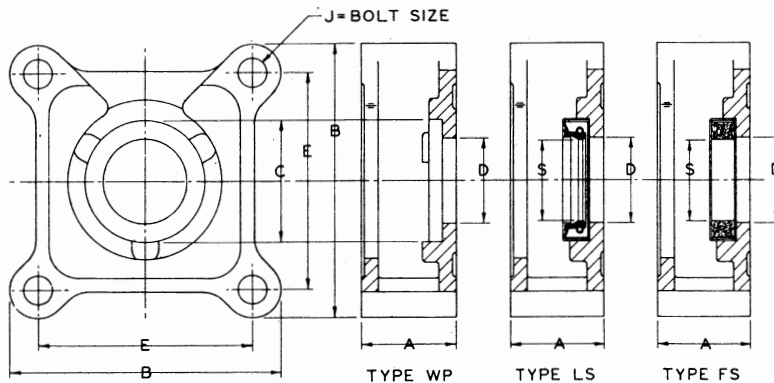
*Bearings with bores from 1/2" to 1 1/4" have no extra collar but have setscrews in the extended inner race.

For Load Ratings, See Page 449. For Comparison Chart, See Page 451.

Browning

Bearing Protectors

For use with 1½", 2", and 2⅞" Bore FB200, FB220 and FB250 Flange Blocks.

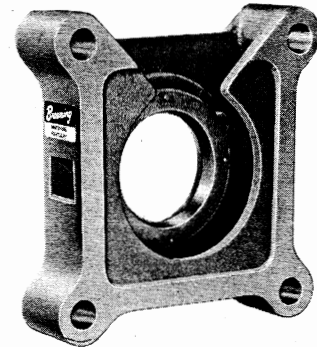


Type WP—No Seal . . . Waste Packing for Protection from Abrasives.
Type LS—Neoprene Lip Seal for Protection from Moisture, Fumes and Lubricants.
Type FS—Felt Seal for Protection from Dusty Materials.

Table No. 1 Specifications

PART NUMBER			DIMENSIONS							Wt. Lbs.
Type WP*	Type LS	Type FS	A	B	C	D	E	J	S	
WPBP—1½"	LSBP—1½"	FSBP—1½"	1¾"	5½"	2.251"	1⅞"	4"	½"	1½"	3.8
WPBP—2"	LSBP—2"	FSBP—2"	1¾"	6⅞"	2.999"	2⅞"	5⅞"	½"	2"	5.6
WPBP—2⅞"	LSBP—2⅞"	FSBP—2⅞"	1¾"	6⅞"	3.499"	2½"	5⅞"	⅝"	2⅞"	6.3

*Waste Packing Not Furnished. These housings are machined to take either type of seal shown in Table No. 2.



PRECISION MACHINED
CAST IRON

Replacement Seals

Table No. 2

Neoprene	Felt	Wt. Lbs.
L108S	F108S	.1
L200S	F200S	.2
L207S	F207S	.2

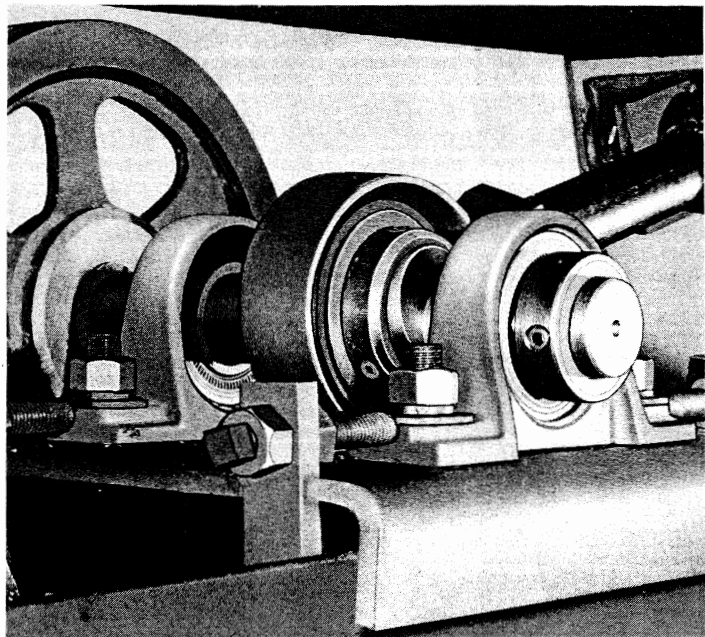
Packaged individually.

Browning

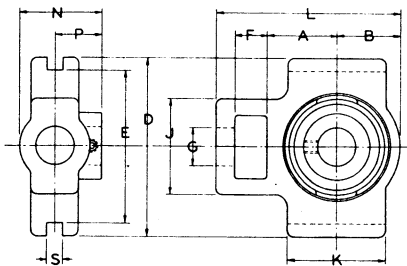
BEARING UNITS
WITH MALLEABLE HOUSINGS

Compact
Strong
Light

To the right is shown a pillow block installation on a shaker conveyor. This is a rugged application where block breakage was a problem. A BROWNING pillow block with a MALLEABLE housing solved this problem.



TU200—LUBRICATED FOR LIFE



Malleable Housings

Self-Aligning Bearings

Eccentric
Locking Collars

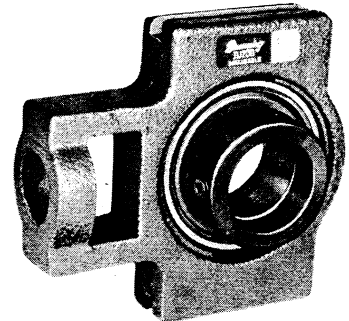


Table No. 1

Specifications

STOCK BORES		Use with Frame No. ★	DIMENSIONS													Wt. Lbs.
Basic	Other		A	B	D	E	F	G	J	K	L	N	P	Sφ		
1/2"	5/8"	1T200A	1 1/16"	1 5/8"	3"	2 1/2"	1 1/2"	5/8"	1 5/8"	1 1/2"	3 1/4"	1 27/64"	7/8"	5 1/16"	1.1	
3/4"		3— 9T200BC	1 5/16"	1 1/8"	3 1/2"	3	5/8"	3/4"	1 7/8"	1 3/4"	3 7/16"	1 19/32"	5 5/8"	5 1/16"	1.6	
1	13/16", 7/8", 15/16"	3— 9T200BC	1 3/8"	1 1/4"	3 1/2"	3	5/8"	3/4"	1 7/8"	1 15/16"	3 3/8"	1 139/64"	5 5/8"	5 1/16"	1.9	
1 3/16	1 1/16, 1 1/8"	3— 12T200DE	1 9/16"	1 11/32"	4	3 1/2"	1 11/16"	7/8"	2 1/8"	2 5/16"	4 7/32"	1 127/32"	1 33/32"	5 1/16"	2.5	
1 7/16	1 1/4, 1 5/16, 1 3/8"	3— 12T200DE	1 3/4"	1 11/16"	4	3 1/2"	1 11/16"	7/8"	2 1/8"	2 5/8"	4 9/8"	1 115/16"	1 153/32"	5 1/16"	2.9	
1 1/2	1 9/16"	3— 18T200FH	1 7/8"	1 7/8"	4 1/2"	4	3/4"	1 1/8"	2 5/8"	2 15/16"	5 1/8"	2 29/64"	1 15 1/4"	5 1/16"	4.1	
1 11/16	1 5/8, 1 3/4"	3— 18T200FH	2 1/16"	2"	4 1/2"	4	3/4"	1 1/8"	2 5/8"	3 1/8"	5 1/16"	2 23/16"	1 19/32"	5 1/16"	4.6	
1 15/16	1 7/8"	3— 18T200FH	2 3/16"	2 1/8"	4 1/2"	4	3/4"	1 1/8"	2 5/8"	3 5/16"	5 11/16"	2 27/32"	1 13/32"	5 1/16"	4.6	
2 3/16	2, 2 1/8"	9— 18T200JK	2 3/8"	2 11/32"	5 3/4"	5 1/8"	1	1 3/8"	3 1/4"	3 11/16"	6 15/32"	2 1/2"	1 7/16"	5 1/16"	8.3	
2 7/16	2 1/4, 2 3/8"	9— 18T200JK	2 11/16"	2 19/32"	5 3/4"	5 1/8"	1	1 3/8"	3 1/4"	4 1/16"	7 1/32"	2 9/16"	1 1/2"	5 1/16"	8.6	

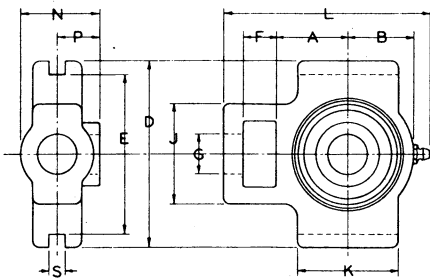
Part Numbers are specified by "TU200" and bore size, Example: "TU200—1 1/2".

★Take-Up Frames shown in Table No. 2, Page 446.

φTake-Up Units with wider slots are available in Production Quantities.

For Load Ratings, See Page 449.

TU220—RELUBE TYPE



Malleable Housings

Self-Aligning Bearings

Eccentric
Locking Collars

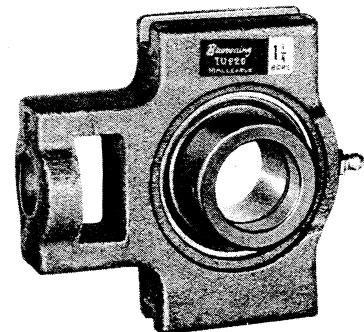


Table No. 2

Specifications

STOCK BORES		Use with Frame No. ★	DIMENSIONS												Wt. Lbs.
Basic	Other		A	B	D	E	F	G	J	K	L	N	P	Ø	
1/2"	5/8"	1T200A	1 1/16"	1 5/8"	3"	2 1/2"	1 1/2"	5/8"	1 5/8"	1 1/2"	3 3/8"	1 7/8"	7/8"	5 1/16"	1.1
3/4"	—	3— 9T200BC	1 5/16"	1 1/8"	3 1/2"	3	5/8"	3/4"	1 7/8"	1 3/4"	3 13/16"	1 119/32"	5 5/8"	5 1/16"	1.6
1	13/16", 7/8", 1 5/16"	3— 9T200BC	1 3/8"	1 1/4"	3 1/2"	3	5/8"	3/4"	1 7/8"	1 15/16"	4	1 139/64"	5 5/8"	5 1/16"	1.8
1 3/16"	1 1/16", 1 1/8"	3— 12T200DE	1 9/16"	1 11/32"	4	3 1/2"	1 11/16"	7/8"	2 1/8"	2 5/16"	4 19/32"	1 127/32"	1 33/32"	5 1/16"	2.4
1 7/16"	1 1/4", 1 5/16", 1 3/8"	3— 12T200DE	1 3/4"	1 11/16"	4	3 1/2"	1 11/16"	7/8"	2 1/8"	2 5/8"	5	1 115/16"	1 153/32"	5 1/16"	3.0
1 1/2"	1 9/16"	3— 18T200FH	1 7/8"	1 7/8"	4 1/2"	4	3/4"	1 1/8"	2 5/8"	2 15/16"	5 1/8"	2 29/64"	1 15 1/4"	5 1/16"	4.3
1 11/16"	1 5/8", 1 3/4"	3— 18T200FH	2 1/16"	2	4 1/2"	4	3/4"	1 1/8"	2 5/8"	3 1/8"	5 13/16"	2 23/16"	1 19/32"	5 1/16"	4.8
1 15/16"	1 7/8"	3— 18T200FH	2 3/16"	2 1/8"	4 1/2"	4	3/4"	1 1/8"	2 5/8"	3 5/16"	6 1/16"	2 27/32"	1 13/32"	5 1/16"	4.8
2 3/16"	2, 2 1/8"	9— 18T200JK	2 3/8"	2 11/32"	5 3/4"	5 1/8"	1	1 3/8"	3 1/4"	3 11/16"	6 27/32"	2 1/2"	1 7/16"	5 1/16"	8.3
2 7/16"	2 1/4", 2 3/8"	9— 18T200JK	2 11/16"	2 19/32"	5 3/4"	5 1/8"	1	1 3/8"	3 1/4"	4 1/16"	7 1/32"	2 9/16"	1 1/2"	5 1/16"	8.8

Part Numbers are specified by "TU220" and bore size, Example: "TU220—1 1/2".

★Take-Up Frames shown in Table No. 2, Page 446.

φTake-Up Units with wider slots are available in Production Quantities.

For Load Ratings, See Page 449.

TU250—RELUBE TYPE UNITS



Malleable Housings

Self-Aligning Bearings
with Setscrew Locking

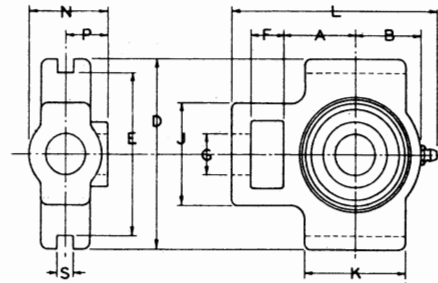


Table No. 1

Specifications

STOCK BORES		Use with Frame No. ★	DIMENSIONS													Wt. Lbs.
Basic	Other		A	B	D	E	F	G	J	K	L	N	P	Sp		
1/2"	5/8"	1T200A	1 1/16"	1 5/16"	3"	2 1/2"	1 1/2"	5/8"	1 5/8"	1 1/2"	3 3/8"	1 13/16"	4 1/16"	5 1/16"	1.1	
3/4	—	3— 9T200BC	1 5/16"	1 7/8"	3 1/2"	3"	5/8"	3/4"	1 7/8"	1 3/4"	3 13/16"	1 3/8"	23/32"	5 1/16"	1.6	
1	13/16", 7/8", 15/16"	3— 9T200BC	1 3/8"	1 1/4"	3 1/2"	3"	5/8"	3/4"	1 7/8"	1 5/16"	4"	1 7/16"	49/64"	5 1/16"	1.8	
1 1/16	1 1/16, 1 1/8"	3— 12T200DE	1 9/16"	1 11/32"	4"	3 1/2"	1 11/16"	7/8"	2 1/8"	2 5/16"	4 19/32"	1 12 1/32"	57/64"	5 1/16"	2.5	
1 1/16	1 1/4, 1 1/16, 1 3/8"	3— 12T200DE	1 3/4"	1 11/16"	4"	3 1/2"	1 11/16"	7/8"	2 1/8"	2 5/8"	5"	1 3/4"	1"	5 1/16"	2.9	
1 1/2	1 9/16"	3— 18T200FH	1 7/8"	1 7/8"	4 1/2"	4"	3/4"	1 1/8"	2 5/8"	2 15/16"	5 1/2"	1 57/64"	1 1/32"	5 1/16"	4.3	
1 11/16	1 5/8, 1 3/4"	3— 18T200FH	2 1/16"	2"	4 1/2"	4"	3/4"	1 1/8"	2 5/8"	3 1/8"	5 13/16"	1 29/32"	1 1/32"	5 1/16"	4.6	
1 15/16	1 7/8"	3— 18T200FH	2 3/16"	2 1/8"	4 1/2"	4"	3/4"	1 1/8"	2 5/8"	3 1/16"	6 1/16"	1 59/64"	1 1/32"	5 1/16"	4.6	
2 1/16	2, 2 1/8"	9— 18T200JK	2 3/8"	2 11/32"	5 1/4"	5 1/8"	1"	1 3/8"	3 1/4"	3 11/16"	6 27/32"	2 7/64"	1 1/16"	5 1/16"	8.1	
2 1/16	2 1/4, 2 3/8"	9— 18T200JK	2 11/16"	2 19/32"	5 3/4"	5 1/8"	1"	1 3/8"	3 1/4"	4 1/16"	7 13/32"	2 1/8"	1 1/32"	5 1/16"	8.9	

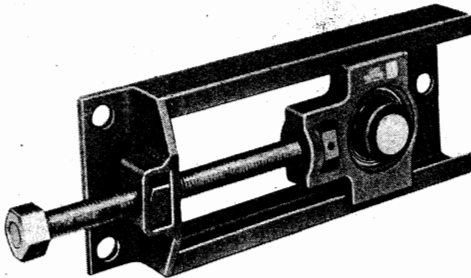
Part Numbers are specified by "TU250" and bore size, Example: "TU250—1 1/2".

★Take-Up Frames shown in Table No. 2, below.

φTake-Up Units with wider slots are available in Production Quantities.

For Load Ratings, See Page 449.

T200 SIDE MOUNTING FRAMES



Welded Steel
Construction with Cadmium Plated
Adjusting Screws

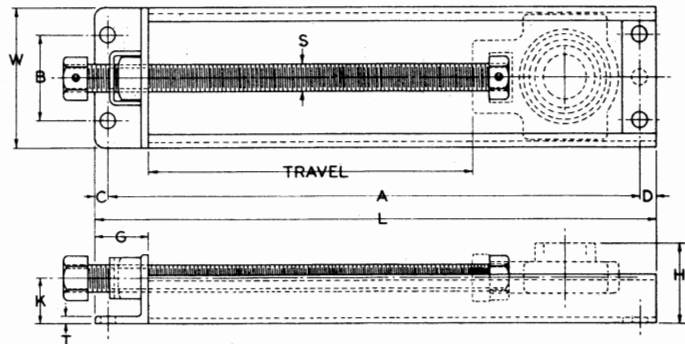


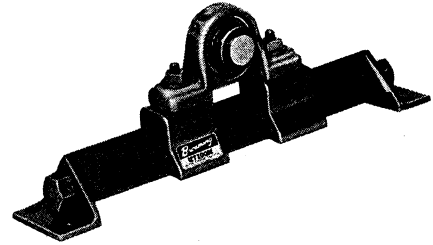
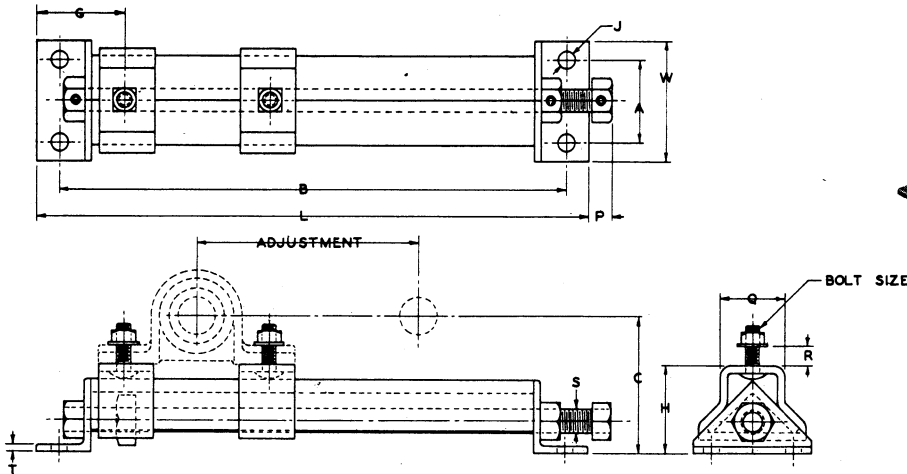
Table No. 2

Specifications

Part Number	BORE RANGE		Travel	DIMENSIONS											Bolt Holes		Wt. Lbs.
	For "200" Series Units	For "300" Series Units		L	W	A	B	C	D	G	H Max.	K	S	T	No.	Size	
1T200A	1/2" — 5/8"	—	1 1/2"	6 3/8"	3 1/16"	5 3/8"	2 1/16"	1 1/2"	1 1/2"	1 1/2"	2 1/4"	1 3/8"	1 1/2"	1 1/4"	3	9/16"	2.2
3T200BC	3/4" — 1"	—	3	8 1/2"	4 3/16"	7 1/2"	3 3/16"	1 1/2"	1 1/2"	1 1/2"	2 19/64"	1 3/8"	5/8"	1/4"	3	9/16"	3.6
6T200BC	3/4" — 1"	—	6	11 1/2"	4 3/16"	10 1/2"	3 3/16"	1 1/2"	1 1/2"	1 1/2"	2 19/64"	1 3/8"	5/8"	1/4"	3	9/16"	4.4
9T200BC	3/4" — 1"	—	9	14 1/2"	4 3/16"	13 1/2"	3 3/16"	1 1/2"	1 1/2"	1 1/2"	2 19/64"	1 3/8"	5/8"	1/4"	3	9/16"	5.5
3T200DE	1 1/16" — 1 7/16"	—	3	9 3/8"	4 11/16"	8 3/8"	3 11/16"	1 1/2"	1 1/2"	1 1/2"	2 17/32"	1 3/8"	3/4"	1/4"	3	9/16"	4.3
6T200DE	1 1/16" — 1 7/16"	—	6	12 3/8"	4 11/16"	11 3/8"	3 11/16"	1 1/2"	1 1/2"	1 1/2"	2 17/32"	1 3/8"	3/4"	1/4"	3	9/16"	5.3
9T200DE	1 1/16" — 1 7/16"	—	9	15 3/8"	4 11/16"	14 3/8"	3 11/16"	1 1/2"	1 1/2"	1 1/2"	2 17/32"	1 3/8"	3/4"	1/4"	3	9/16"	6.3
12T200DE	1 1/16" — 1 7/16"	—	12	18 3/8"	4 11/16"	17 3/8"	3 11/16"	1 1/2"	1 1/2"	1 1/2"	2 17/32"	1 3/8"	3/4"	1/4"	3	9/16"	7.4
3T200FH	1 1/2" — 1 15/16"	1 7/16" — 1 3/4"	3	11"	5 1/16"	9 7/8"	3 1/16"	1 1/2"	5/8"	2	2 15/16"	1 5/8"	1"	1/4"	4	9/16"	6.3
6T200FH	1 1/2" — 1 15/16"	1 7/16" — 1 3/4"	6	14"	5 1/16"	12 7/8"	3 1/16"	1 1/2"	5/8"	2	2 15/16"	1 5/8"	1"	1/4"	4	9/16"	7.6
9T200FH	1 1/2" — 1 15/16"	1 7/16" — 1 3/4"	9	17"	5 1/16"	15 7/8"	3 1/16"	1 1/2"	5/8"	2	2 15/16"	1 5/8"	1"	1/4"	4	9/16"	9.1
12T200FH	1 1/2" — 1 15/16"	1 7/16" — 1 3/4"	12	20"	5 1/16"	18 7/8"	3 1/16"	1 1/2"	5/8"	2	2 15/16"	1 5/8"	1"	1/4"	4	9/16"	10.5
18T200FH	1 1/2" — 1 15/16"	1 7/16" — 1 3/4"	18	26"	5 1/16"	24 7/8"	3 1/16"	1 1/2"	5/8"	2	2 15/16"	1 5/8"	1"	1/4"	4	9/16"	13.2
9T200JK	2 — 2 7/16"	1 15/16" — 2 3/16"	9	18 1/4"	6 3/8"	16 7/8"	4 7/8"	5/8"	3/4"	2	3 3/8"	1 7/8"	1 1/4"	5/16"	4	1 1/16"	13.9
12T200JK	2 — 2 7/16"	1 15/16" — 2 3/16"	12	21 1/4"	6 3/8"	19 7/8"	4 7/8"	5/8"	3/4"	2	3 3/8"	1 7/8"	1 1/4"	5/16"	4	1 1/16"	15.0
18T200JK	2 — 2 7/16"	1 15/16" — 2 3/16"	18	27 1/4"	6 3/8"	25 7/8"	4 7/8"	5/8"	3/4"	2	3 3/8"	1 7/8"	1 1/4"	5/16"	4	1 1/16"	19.8

These Take-Up Frames are used with TU200, TU220 and TU250 Take-Up Units shown on pages 445 and 446 and with TU350 Take-Up Units shown on page 453.

T210 PROTECTED SCREW TYPE



**Welded Steel
Construction**

**Cadmium Plated
Adjusting Screws**

Table No. 1

Specifications

Part Number	Bore Range	DIMENSIONS												Bolt Size	Wt. Lbs.
		L	W	A	B	G	H	J	P	Q	R	S	T		
6T210BC	3/4" — 1"	15 1/8"	3 1/4"	2 1/4"	13 7/8"	2 5/16"	2 3/8"	7 1/16"	5/8"	1 3/4"	9 1/16"	5/8"	3 1/16"	3/8"	5.8
9T210BC	3/4" — 1"	18 1/8"	3 1/4"	2 1/4"	16 7/8"	2 5/16"	2 3/8"	7 1/16"	5/8"	1 3/4"	9 1/16"	5/8"	3 1/16"	3/8"	6.5
6T210DH	1 1/16" — 1 15/16"	17 3/16"	3 3/4"	2 1/2"	15 7/16"	2 7/8"	2 13/16"	7 1/16"	3/4"	2 5/16"	7/8"	3/4"	3 1/16"	1/2"	8.6
9T210DH	1 1/16" — 1 15/16"	21 7/8"	3 3/4"	2 1/2"	19 7/8"	2 7/8"	2 13/16"	7 1/16"	3/4"	2 5/16"	7/8"	3/4"	3 1/16"	1/2"	10.0
12T210DH	1 1/16" — 1 15/16"	23 3/16"	3 3/4"	2 1/2"	21 7/16"	2 7/8"	2 13/16"	7 1/16"	3/4"	2 5/16"	7/8"	3/4"	3 1/16"	1/2"	10.6
18T210DH	1 1/16" — 1 15/16"	30 3/8"	3 3/4"	2 1/2"	28 7/8"	2 7/8"	2 13/16"	7 1/16"	3/4"	2 5/16"	7/8"	3/4"	3 1/16"	1/2"	13.0
12T210JK	2 — 2 7/16"	27	4 3/4"	3	24 3/4"	3 1/2"	3 5/16"	9 1/16"	15 1/16"	2 5/8"	15 1/16"	1	3 1/16"	5/8"	17.8
18T210JK	2 — 2 7/16"	33	4 3/4"	3	30 3/4"	3 1/2"	3 5/16"	9 1/16"	15 1/16"	2 5/8"	15 1/16"	1	3 1/16"	5/8"	20.7

Browning Protected Screw Take-Up Frames are designed for use with:

- Browning PB200 and PB201 Pillow Blocks shown on page 438.
- Browning PB220 and PB221 Pillow Blocks shown on page 439.
- Browning PB250 and PB251 Pillow Blocks shown on page 440.

"C" dimension is obtained by adding "H" in the table above to "A" from:

- Table No. 1, Page 438, when using PB200 Pillow Blocks
- Table No. 2, Page 438, when using PB201 Pillow Blocks
- Table No. 1, Page 439, when using PB220 Pillow Blocks
- Table No. 2, Page 439, when using PB221 Pillow Blocks
- Table No. 1, Page 440, when using PB250 Pillow Blocks
- Table No. 2, Page 440, when using PB251 Pillow Blocks

The first number of the part number represents the nominal adjustment which is possible. Because of the difference in length of the various Pillow Blocks, this adjustment varies according to Table No. 2, below.

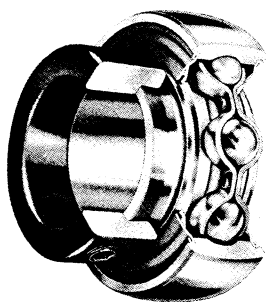
Table No. 2

Amount of Adjustment

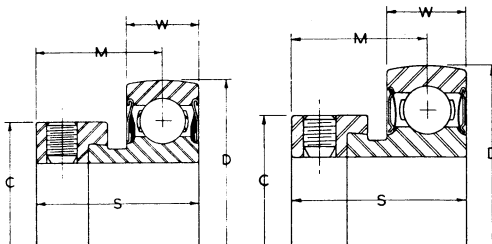
Bore Range	FRAME PART NUMBER							
	6T210BC	9T210BC	6T210DH	9T210DH	12T210DH	18T210DH	12T210JK	18T210JK
3/4"	6 3/8"	9 3/8"	—	—	—	—	—	—
1 1/16" — 1 15/16"	6	9	6 3/8"	10 13/16"	12 3/8"	19 13/16"	—	—
1 1/4" — 1 7/16"	—	—	6	10 7/16"	12	19 7/16"	—	—
1 1/2" — 1 9/16"	—	—	5 9/16"	10	11 9/16"	19	—	—
1 5/8" — 1 3/4"	—	—	5 3/16"	9 9/8"	11 3/16"	18 3/8"	—	—
1 13/16" — 1 15/16"	—	—	4 9/16"	9	10 9/16"	18	—	—
2 — 2 3/16"	—	—	—	—	—	—	12 3/4"	18 3/4"
2 1/4" — 2 7/16"	—	—	—	—	—	—	12	18

Browning

Adapter Bearings



B200



1/2-1 1/8 Bores

1 1/8-2 1/8 Bores

**LUBRICATED
FOR LIFE**

**ECCENTRIC
LOCKING COLLARS**

Table No. 1

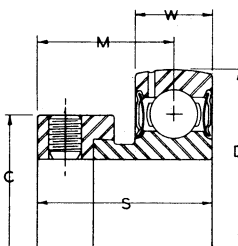
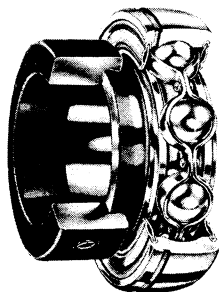
Specifications

Bore	DIMENSIONS					Wt. Lbs.	Bore	DIMENSIONS					Wt. Lbs.
	C	D	M	S	W			C	D	M	S	W	
1/2, 5/8, 3/4, 1 1/8	1 1/16"	1.5748"	.869"	1 1/8"	.5118"	.3	1 1/2, 1 1/8	2 3/8"	3.1496"	1.239"	1 1/8"	.7087"	1.3
3/4	1 1/16	1.8504	.921	1 1/2	.5906	.3	1 5/8, 1 11/16, 1 3/4	2 1/2	3.3465	1.286	1 1/2	.8661	1.6
1 1/8, 7/8, 1 1/16, 1	1 1/2	2.0472	.921	1 3/2	.5906	.5	1 7/8, 1 15/16	2 3/4	3.5433	1.286	1 3/2	.8661	1.7
1 1/16, 1 1/8, 1 1/4, 1 1/2	1 3/4	2.4409	1.091	1 13/16	.6299	.6	2, 2 1/8, 2 1/4	3	3.9370	1.434	1 3/4	.9449	2.4
1 1/4, 1 1/2, 1 3/4, 1 7/8	2 1/4	2.8346	1.157	1 11/2	.7480	1.1	2 1/4, 2 3/8, 2 1/2	3 1/16	4.3307	1.504	1 15/16	.8661	3.0

Part Numbers are specified by "B200" and Bore Size; Example, "B200 — 1 1/4."

Used in "PB200" and "PB201" Pillow Blocks, "FB200" and "FB210" Flange Blocks and "TU200" Take-Up Units.

B220



RELUBE TYPE

**ECCENTRIC
LOCKING COLLARS**

Table No. 2

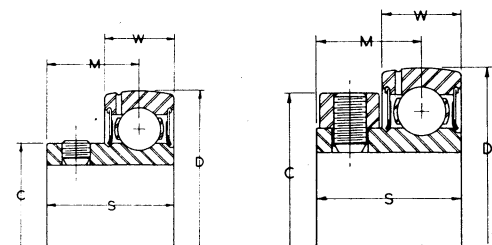
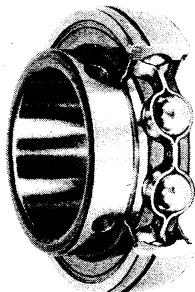
Specifications

Bore	DIMENSIONS					Wt. Lbs.	Bore	DIMENSIONS					Wt. Lbs.
	C	D	M	S	W			C	D	M	S	W	
1/2, 5/8, 3/4, 1 1/8	1 1/16"	1.5748"	.869"	1 1/8"	.5118"	.2	1 1/2, 1 1/8	2 3/8"	3.1496"	1.239"	1 1/8"	.7087"	1.2
3/4	1 1/16	1.8504	.921	1 1/2	.5906	.3	1 5/8, 1 11/16, 1 3/4	2 1/2	3.3465	1.286	1 1/2	.8661	1.5
1 1/8, 7/8, 1 1/16, 1	1 1/2	2.0472	.921	1 3/2	.5906	.4	1 7/8, 1 15/16	2 3/4	3.5433	1.286	1 3/2	.8661	1.7
1 1/16, 1 1/8, 1 1/4, 1 1/2	1 3/4	2.4409	1.091	1 13/16	.6299	.6	2, 2 1/8, 2 1/4	3	3.9370	1.434	1 3/4	.9449	2.5
1 1/4, 1 1/2, 1 3/4, 1 7/8	2 1/4	2.8346	1.157	1 11/2	.7480	1.0	2 1/4, 2 3/8, 2 1/2	3 1/16	4.3307	1.504	1 15/16	.8661	2.9

Part Numbers are specified by "B220" and Bore Size; Example, "B220 — 1 1/4."

Used in "PB220" and "PB221" Pillow Blocks, "FB220" and "FB230" Flange Blocks and "TU220" Take-Up Units.

B250



1/2-1 1/8 Bores

1 1/8-2 1/8 Bores

RELUBE TYPE
SETSCREW LOCKING

Table No. 3

Specifications

Bore	DIMENSIONS					Wt. Lbs.	Bore	DIMENSIONS					Wt. Lbs.
	C	D	M	S	W			C	D	M	S	W	
1/2, 5/8, 3/4, 1 1/8	.963"	1.5748"	.644"	.934"	.576"	.3	1 5/8, 1 11/16, 1 3/4	2 7/8"	3.3465"	1.029"	1.437"	.811"	1.8
3/4	1.150	1.8504	.726	1.032	.609	.3	1 7/8, 1 15/16	3 1/16	3.5433	1.038	1.453	.826	1.8
1 1/8, 7/8, 1 1/16, 1	1.360	2.0472	.761	1.067	.609	.4	2, 2 1/8, 2 1/4	3 3/8	3.9370	1.068	1.514	.887	2.4
1 1/16, 1 1/8, 1 1/4	1.598	2.4409	.896	1.230	.672	.6	2 1/4, 2 3/8, 2 1/2	3 11/16	4.3307	1.100	1.577	.950	2.9
1 1/4, 1 1/2, 1 3/4, 1 7/8	1.861	2.8346	.999	1.375	.748	.9	2 15/16	4 3/4	5.1181	1.338	1.890	1.108	4.9
1 1/2, 1 3/4	2 1/4	3.1496	1.029	1.437	.811	1.5							

Part Numbers are specified by "B250" and Bore Size; Example, "B250 — 1 1/4."

Used in "PB250" and "PB251" Pillow Blocks, "FB250" and "FB260" Flange Blocks and "TU250" Take-Up Units.

Table No. 1

LOAD RATINGS—200, 220 and 250 Series Bearings

Shaft Size in Inches	Bearing Radial Load Capacity in Pounds Based on Average Life of 2500 Hours							
	Revolutions per Minute							
	100	500	1000	1500	2000	2500	3000	3500
1/2, 9/16, 5/8, 11/16	* 990	* 990	841	736	668	621	584	555
3/4	*1260	*1260	1024	897	814	756	712	676
13/16, 7/8, 15/16, 1	*1480	1419	1122	982	891	828	779	741
1 1/16, 1 1/8, 1 3/16, 1 1/4 S	*2150	1970	1557	1363	1237	1150	1082	1029
1 1/4, 1 5/16, 1 3/8, 1 7/16	*3350	2948	2330	2040	1851	1721	—	—
1 1/2, 1 9/16	*3350	2948	2330	2040	1851	1721	—	—
1 5/8, 1 11/16, 1 3/4	*3900	3163	2501	2189	1986	1846	—	—
1 7/8, 1 15/16	*4300	3361	2658	2326	2111	1962	—	—
2, 2 1/8, 2 3/16	*5500	5310	4198	3675	3335	3100	—	—
2 1/4, 2 3/8, 2 7/16	*6300	6093	4817	4217	3827	3557	—	—
2 5/16	*8400	7286	5760	5043	4576	4253	—	—

*These capacities limited by quiet running radial capacity rather than fatigue life.

The capacities listed above are basic radial load ratings in pounds. They are for:
PB200, PB201, PB220, PB221, PB250 and PB251 Pillow Blocks
FB200, FB210, FB220, FB230, FB250 and FB260 Flange Blocks
TU200, TU220 and TU250 Take-Up Units
B200, B220 and B250 Adapter Bearings.

The above ratings are for an average bearing life of 2500 hours at the speeds shown. If another average life is desired, these ratings must be modified by factors as follows:

500 Hours—1.71	4000 Hours— .85	9000 Hours— .65
1000 Hours—1.36	5000 Hours— .79	10,000 Hours— .63
1500 Hours—1.19	6000 Hours— .75	15,000 Hours— .55
2000 Hours—1.07	7000 Hours— .71	20,000 Hours— .50
3000 Hours— .94	8000 Hours— .68	

Maximum recommended speeds; 1 1/4" and smaller, 3500 R.P.M.; 1 1/4" and larger, 2500 R.P.M.

Operating Temperature Range: —25°F to +225°F

For applications not shown in the table above, consult the Browning Engineers.

EXAMPLE I.

A 250 Series bearing is required to run at 500 R.P.M. with a desired average life of 10,000 hours and a radial load of 1000 lbs.

1. Life factor for 10,000 hours is .63.

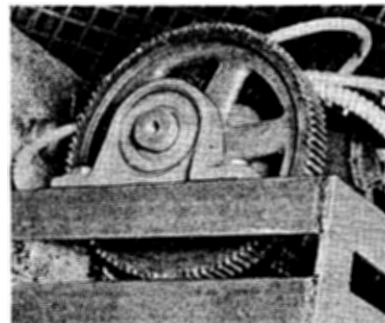
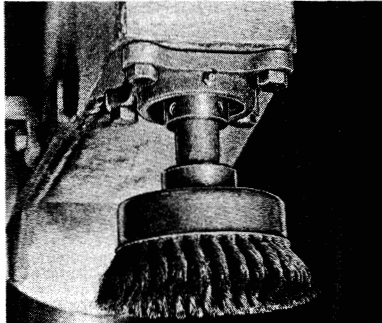
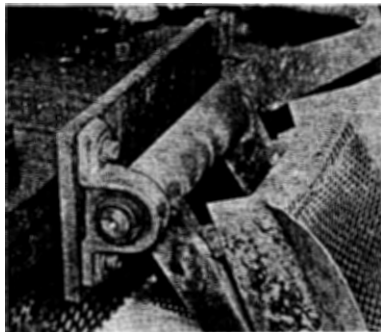
$$\frac{1000}{.63} = 1587 \text{ pounds}$$

2. From Table No. 1 above, under 500 R.P.M., note that the nearest higher value is 1970.
3. Reading to the left note that the minimum size is 1 1/16".

EXAMPLE II.

The maximum radial load capacity of a 1 7/16" 200 Series bearing operating at 1750 R.P.M. for an average life of 500 hours is required.

1. From Table No.1 above, note that the radial load capacity of a 1 7/16" bearing at 1500 R.P.M. is 2040 pounds and at 2000 R.P.M. is 1851 pounds.
2. By interpolation the capacity at 1750 R.P.M. is 1945 pounds.
3. The above is based on 2500 hours. For 500 hours multiply by factor 1.71.
1945 x 1.71 = 3326 pounds.





Ball Bearing Pillow Blocks

COMPARISON CHARTS

Table No. 1

Low Shaft Height Series

Shaft Size	BROWNING BLOCKS			COMPARATIVE BLOCKS								
	Lifetime① Lubricated	Relube② Type	Relube③ Type	Boston②	Dodge		Fafnir②		Link③ Belt	Seal③ Master	SKF③	Woods②
					SCB ③	SXB ③	LAK	RAK				
1/2"	PB200—1/2"	PB220—1/2"	PB250—1/2"	3L—1/2"	—	—	LAK—1/2"	RAK—1/2"	—	S-508-M	—	200—1/2"
3/16	PB200—3/16	PB220—3/16	PB250—3/16	—	—	—	LAK—3/16	RAK—3/16	—	S-509-M	—	—
3/8	PB200—3/8	PB220—3/8	PB250—3/8	3L—3/8	—	—	LAK—3/8	RAK—3/8	—	S-510-M	—	200—3/8
1/4	PB200—1/4	PB220—1/4	PB250—1/4	—	—	—	LAK—1/4	RAK—1/4	—	S-511-M	—	200—1/4
3/4	PB200—3/4	PB220—3/4	PB250—3/4	4L—3/4	SCB—3/4	SXB—3/4	LAK—3/4	RAK—3/4	—	S-512-M	SYH-012X	200—3/4
1 1/16	PB200—1 1/16	PB220—1 1/16	PB250—1 1/16	—	—	—	LAK—1 1/16	RAK—1 1/16	—	—	—	—
7/8	PB200—7/8	PB220—7/8	PB250—7/8	5L—7/8	SCB—7/8	SXB—7/8	LAK—7/8	RAK—7/8	—	S-514-M	SYH-014X	200—7/8
1 1/8	PB200—1 1/8	PB220—1 1/8	PB250—1 1/8	5L—1 1/8	SCB—1 1/8	SXB—1 1/8	LAK—1 1/8	RAK—1 1/8	—	S-515-M	SYH-015X	200—1 1/8
1	PB200—1	PB220—1	PB250—1	5L—1	SCB—1	SXB—1	LAK—1	RAK—1	—	S-516-M	SYH-100X	200—1
1 1/4	PB200—1 1/4	PB220—1 1/4	PB250—1 1/4	—	SCB—1 1/4	SXB—1 1/4	LAK—1 1/4	RAK—1 1/4	—	S-517-M	—	—
1 1/2	PB200—1 1/2	PB220—1 1/2	PB250—1 1/2	6L—1 1/2	SCB—1 1/2	SXB—1 1/2	LAK—1 1/2	RAK—1 1/2	—	S-518-M	SYH-102X	200—1 1/2
1 3/4	PB200—1 3/4	PB220—1 3/4	PB250—1 3/4	6L—1 3/4	SCB—1 3/4	SXB—1 3/4	LAK—1 3/4	RAK—1 3/4	—	S-519-M	SYH-103X	200—1 3/4
1 7/8	PB200—1 7/8	PB220—1 7/8	PB250—1 7/8	6L—1 7/8	—	—	—	—	—	—	—	—
1 1/4	PB200—1 1/4	PB220—1 1/4	PB250—1 1/4	7L—1 1/4	SCB—1 1/4	SXB—1 1/4	LAK—1 1/4	RAK—1 1/4	—	S-520-M	SYH-104X	200—1 1/4
1 5/8	PB200—1 5/8	PB220—1 5/8	PB250—1 5/8	7L—1 5/8	SCB—1 5/8	SXB—1 5/8	LAK—1 5/8	RAK—1 5/8	—	S-521-M	SYH-105X	200—1 5/8
1 3/4	PB200—1 3/4	PB220—1 3/4	PB250—1 3/4	7L—1 3/4	SCB—1 3/4	SXB—1 3/4	LAK—1 3/4	RAK—1 3/4	—	S-522-M	SYH-106X	200—1 3/4
1 7/8	PB200—1 7/8	PB220—1 7/8	PB250—1 7/8	7L—1 7/8	SCB—1 7/8	SXB—1 7/8	LAK—1 7/8	RAK—1 7/8	—	S-523-M	SYH-107X	200—1 7/8
1 1/2	PB200—1 1/2	PB220—1 1/2	PB250—1 1/2	8L—1 1/2	SCB—1 1/2	SXB—1 1/2	LAK—1 1/2	RAK—1 1/2	—	S-524-M	SYH-108X	200—1 1/2
1 5/8	PB200—1 5/8	PB220—1 5/8	PB250—1 5/8	8L—1 5/8	—	—	LAK—1 5/8	RAK—1 5/8	—	S-525-M	—	200—1 5/8
1 3/4	PB200—1 3/4	PB220—1 3/4	PB250—1 3/4	9L—1 3/4	*SCB—1 3/4	*SXB—1 3/4	LAK—1 3/4	RAK—1 3/4	—	S-526-M	SYH-110X	200—1 3/4
1 7/8	PB200—1 7/8	PB220—1 7/8	PB250—1 7/8	9L—1 7/8	SCB—1 7/8	SXB—1 7/8	LAK—1 7/8	RAK—1 7/8	—	S-527-M	SYH-111X	200—1 7/8
1 1/4	PB200—1 1/4	PB220—1 1/4	PB250—1 1/4	9L—1 1/4	SCB—1 1/4	SXB—1 1/4	LAK—1 1/4	RAK—1 1/4	—	S-528-M	SYH-112X	200—1 1/4
1 5/8	PB200—1 5/8	PB220—1 5/8	PB250—1 5/8	9L—1 5/8	*SCB—1 5/8	*SXB—1 5/8	LAK—1 5/8	RAK—1 5/8	—	S-529-M	—	—
1 3/4	PB200—1 3/4	PB220—1 3/4	PB250—1 3/4	9L—1 3/4	SCB—1 3/4	SXB—1 3/4	LAK—1 3/4	RAK—1 3/4	—	S-530-M	—	—
1 7/8	PB200—1 7/8	PB220—1 7/8	PB250—1 7/8	10L—1 7/8	—	—	LAK—1 7/8	RAK—1 7/8	—	S-531-M	SYH-115X	200—1 7/8
1 1/2	PB200—1 1/2	PB220—1 1/2	PB250—1 1/2	10L—1 1/2	SCB—1 1/2	SXB—1 1/2	LAK—1 1/2	RAK—1 1/2	—	S-532-M	—	—
2	PB200—2	PB220—2	PB250—2	11L—2	*SCB—2	*SXB—2	LAK—2	RAK—2	—	S-533-M	—	—
2 1/8	PB200—2 1/8	PB220—2 1/8	PB250—2 1/8	11L—2 1/8	—	—	LAK—2 1/8	RAK—2 1/8	—	S-534-M	SYH-200X	200—2 1/8
2 1/4	PB200—2 1/4	PB220—2 1/4	PB250—2 1/4	11L—2 1/4	SCB—2 1/4	SXB—2 1/4	LAK—2 1/4	RAK—2 1/4	—	S-535-M	SYH-203X	200—2 1/4
2 3/8	PB200—2 3/8	PB220—2 3/8	PB250—2 3/8	12L—2 3/8	*SCB—2 3/8	*SXB—2 3/8	LAK—2 3/8	RAK—2 3/8	P236	S-536-M	SYH-204X	—
2 1/2	PB200—2 1/2	PB220—2 1/2	PB250—2 1/2	12L—2 1/2	SCB—2 1/2	SXB—2 1/2	LAK—2 1/2	RAK—2 1/2	P238	S-538-M	—	—
2 5/8	PB200—2 5/8	PB220—2 5/8	PB250—2 5/8	12L—2 5/8	—	—	LAK—2 5/8	RAK—2 5/8	P239	S-539-M	SYH-207X	200—2 5/8
2 3/4	PB200—2 3/4	PB220—2 3/4	PB250—2 3/4	12L—2 3/4	SCB—2 3/4	SXB—2 3/4	LAK—2 3/4	RAK—2 3/4	P247	—	—	200—2 3/4

Table No. 2

High Shaft Height Series

Shaft Size	BROWNING BLOCKS			COMPARATIVE BLOCKS								
	Lifetime① Lubricated	Relube② Type	Relube③ Type	Boston②	Dodge		Fafnir②		Link Belt③	Seal③ Master	SKF③	Woods
					SC ③	SX ③	LAS	RAS				
1/2"	PB201— 1/2"	PB221— 1/2"	PB251— 1/2"	3H— 1/2"	*SC— 1/2	*SX— 1/2	LAS— 1/2"	RAS— 1/2"	P208	*NP- 8	—	—
3/8	PB201— 3/8	PB221— 3/8	PB251— 3/8	—	—	—	LAS— 3/8	RAS— 3/8	P209	*NP- 9	—	—
5/8	PB201— 5/8	PB221— 5/8	PB251— 5/8	3H— 5/8	*SC— 5/8	*SX— 5/8	LAS— 5/8	RAS— 5/8	P210	*NP-10	—	—
1 1/8	PB201— 1 1/8	PB221— 1 1/8	PB251— 1 1/8	—	—	—	LAS— 1 1/8	RAS— 1 1/8	P211	*NP-11	—	—
3/4	PB201— 3/4	PB221— 3/4	PB251— 3/4	4H— 3/4	SC— 3/4	SX— 3/4	LAS— 3/4	RAS— 3/4	P212	NP-12	SY-012	—
1 3/8	PB201— 1 3/8	PB221— 1 3/8	PB251— 1 3/8	—	—	—	LAS— 1 3/8	RAS— 1 3/8	P213	—	—	—
7/8	PB201— 7/8	PB221— 7/8	PB251— 7/8	5H— 7/8	SC— 7/8	SX— 7/8	LAS— 7/8	RAS— 7/8	P214	NP-14	SY-014	—
1 3/8	PB201— 1 3/8	PB221— 1 3/8	PB251— 1 3/8	5H— 1 3/8	SC— 1 3/8	SX— 1 3/8	LAS— 1 3/8	RAS— 1 3/8	P215	NP-15	SY-015	—
1	PB201—1	PB221—1	PB251—1	5H—1	SC—1	SX—1	LAS—1	RAS—1	P216	NP-16	SY-100	—
1 1/8	PB201—1 1/8	PB221—1 1/8	PB251—1 1/8	—	*SC—1 1/8	*SX—1 1/8	LAS—1 1/8	RAS—1 1/8	P217	NP-17	SY-101	—
1 1/4	PB201—1 1/4	PB221—1 1/4	PB251—1 1/4	6H—1 1/4	*SC—1 1/4	*SX—1 1/4	LAS—1 1/4	RAS—1 1/4	P218	NP-18	SY-102	—
1 1/2	PB201—1 1/2	PB221—1 1/2	PB251—1 1/2	6H—1 1/2	*SC—1 1/2	*SX—1 1/2	LAS—1 1/2	RAS—1 1/2	P219	NP-19	SY-103	—
1 3/4	PB201—1 3/4	PB221—1 3/4	PB251—1 3/4	6H—1 3/4	—	—	—	—	P2E20	—	—	—
1 7/8	PB201—1 7/8	PB221—1 7/8	PB251—1 7/8	7H—1 7/8	*SC—1 7/8	*SX—1 7/8	LAS—1 7/8	RAS—1 7/8	P220	NP-20	SY-104	—
1 3/4	PB201—1 3/4	PB221—1 3/4	PB251—1 3/4	7H—1 3/4	*SC—1 3/4	*SX—1 3/4	LAS—1 3/4	RAS—1 3/4	P221	NP-21	SY-105	—
1 3/8	PB201—1 3/8	PB221—1 3/8	PB251—1 3/8	7H—1 3/8	*SC—1 3/8	*SX—1 3/8	LAS—1 3/8	RAS—1 3/8	P222	NP-22	SY-106	—
1 7/8	PB201—1 7/8	PB221—1 7/8	PB251—1 7/8	7H—1 7/8	*SC—1 7/8	*SX—1 7/8	LAS—1 7/8	RAS—1 7/8	P223	NP-23	SY-107	—
1 1/2	PB201—1 1/2	PB221—1 1/2	PB251—1 1/2	8H—1 1/2	*SC—1 1/2	*SX—1 1/2	LAS—1 1/2	RAS—1 1/2	P224	*NP-24	SY-108	—
1 3/8	PB201—1 3/8	PB221—1 3/8	PB251—1 3/8	—	—	—	LAS—1 3/8	RAS—1 3/8	P225	*NP-25	—	—
1 5/8	PB201—1 5/8	PB221—1 5/8	PB251—1 5/8	9H—1 5/8	SC—1 5/8	SX—1 5/8	LAS—1 5/8	RAS—1 5/8	P226	NP-26	SY-110	—
1 1/4	PB201—1 1/4	PB221—1 1/4	PB251—1 1/4	9H—1 1/4	SC—1 1/4	SX—1 1/4	LAS—1 1/4	RAS—1 1/4	P227	NP-27	SY-111	—
1 3/4	PB201—1 3/4	PB221—1 3/4	PB251—1 3/4	9H—1 3/4	SC—1 3/4	SX—1 3/4	LAS—1 3/4	RAS—1 3/4	P228	NP-28	SY-112	—
1 7/8	PB201—1 7/8	PB221—1 7/8	PB251—1 7/8	—	—	—	LAS—1 7/8	RAS—1 7/8	P230	NP-30	—	—
1 3/8	PB201—1 3/8	PB221—1 3/8	PB251—1 3/8	10H—1 3/8	SC—1 3/8	SX—1 3/8	LAS—1 3/8	RAS—1 3/8	P231	NP-31	SY-115	—
2	PB201—2	PB221—2	PB251—2	11H—2	*SC—2	*SX—2	LAS—2	RAS—2	P232	NP-32	SY-200	—
2 1/8	PB201—2 1/8	PB221—2 1/8	PB251—2 1/8	—	—	—	LAS—2 1/8	RAS—2 1/8	P234	NP-34	—	—
2 1/4	PB201—2 1/4	PB221—2 1/4	PB251—2 1/4	11H—2 1/4	SC—2 1/4	SX—2 1/4	LAS—2 1/4	RAS—2 1/4	P235	NP-35	SY-203	—
2 1/2	PB201—2 1/2	PB221—2 1/2	PB251—2 1/2	12H—2 1/2	*SC—2 1/2	*SX—2 1/2	LAS—2 1/2	RAS—2 1/2	—	NP-36	*SY-204	—
2 3/8	PB201—2 3/8	PB221—2 3/8	PB251—2 3/8	—	—	—	LAS—2 3/8	RAS—2 3/8	—	NP-38	—	—
2 1/2	PB201—2 1/2	PB221—2 1/2	PB251—2 1/2	12H—2 1/2	SC—2 1/2	SX—2 1/2	LAS—2 1/2	RAS—2 1/2	—	NP-39	*SY-207	—
2 3/8	—	—	PB251—2 3/8	—	*SC—2 3/8	*SX—2 3/8	LAS—2 3/8	RAS—2 3/8	—	—	*SY-215	—

NOTE—These charts are comparison charts only and do not mean that our bearing unit is interchangeable in all dimensions with competitive units. In MOST cases they are dimensionally interchangeable but in ALL cases should be checked.

*These sizes are not dimensionally interchangeable.

①Lifetime Lubricated—Eccentric Lock ②Relube Type—Eccentric Lock ③Relube Type—Setscrew Lock.

Ball Bearing Flange Blocks

COMPARISON CHARTS

Table No. 1

Four Hole Series

Shaft Size	BROWNING BLOCKS			COMPARATIVE BLOCKS								
	Lifetime① Lubricated	Relube② Type	Relube③ Type	Boston②	Dodge		Fafnir③		Link Belt④	Seal⑤ Master	SKF⑥	Woods⑦
					SC4 ①	SX4 ②	LCJ	RCJ				
1/2"	FB200—1/2"	FB220—1/2"	FB250—1/2"	3F—1/2"	SC4—1/2"	SX4—1/2	LCJ—1/2"	RCJ—1/2"	—	SF-8	—	201—1/2"
3/16"	FB200—3/16"	FB220—3/16"	FB250—3/16"	—	—	—	LCJ—3/16"	RCJ—3/16"	—	SF-9	—	—
3/8"	FB200—3/8"	FB220—3/8"	FB250—3/8"	3F—3/8"	SC4—3/8"	SX4—5/8"	LCJ—3/8"	RCJ—3/8"	F210	SF-10	—	201—3/8"
1/4"	FB200—1/4"	FB220—1/4"	FB250—1/4"	—	—	—	LCJ—1/4"	RCJ—1/4"	F211	SF-11	—	201—1/4"
3/4"	FB200—3/4"	FB220—3/4"	FB250—3/4"	4F—3/4"	SC4—3/4"	SX4—3/4"	LCJ—3/4"	RCJ—3/4"	F212	SF-12	FY012	201—3/4"
1 1/16"	FB200—1 1/16"	FB220—1 1/16"	FB250—1 1/16"	—	—	—	LCJ—1 1/16"	RCJ—1 1/16"	—	—	—	—
3/4"	FB200—3/4"	FB220—3/4"	FB250—3/4"	5F—3/4"	SC4—3/4"	SX4—7/8"	LCJ—3/4"	RCJ—3/4"	F214	SF-14	FY014	201—3/4"
1 1/16"	FB200—1 1/16"	FB220—1 1/16"	FB250—1 1/16"	5F—1 1/16"	SC4—1 1/16"	SX4—1 1/16"	LCJ—1 1/16"	RCJ—1 1/16"	F215	SF-15	FY015	201—1 1/16"
1	FB200—1	FB220—1	FB250—1	5F—1	SC4—1	SX4—1	LCJ—1	RCJ—1	F216	SF-16	FY100	201—1
1 1/16"	FB200—1 1/16"	FB220—1 1/16"	FB250—1 1/16"	—	SC4—1 1/16"	SX4—1 1/16"	LCJ—1 1/16"	RCJ—1 1/16"	—	SF-17	FY101	—
1 1/8"	FB200—1 1/8"	FB220—1 1/8"	FB250—1 1/8"	6F—1 1/8"	SC4—1 1/8"	SX4—1 1/8"	LCJ—1 1/8"	RCJ—1 1/8"	F218	SF-18	FY102	201—1 1/8"
1 1/4"	FB200—1 1/4"	FB220—1 1/4"	FB250—1 1/4"	6F—1 1/4"	SC4—1 1/4"	SX4—1 1/4"	LCJ—1 1/4"	RCJ—1 1/4"	F219	SF-19	FY103	201—1 1/4"
1 1/2"	FB200—1 1/2"	FB220—1 1/2"	FB250—1 1/2"	6F—1 1/2"	—	—	—	—	F2E220	—	—	—
1 3/4"	FB200—1 3/4"	FB220—1 3/4"	FB250—1 3/4"	7F—1 3/4"	SC4—1 3/4"	SX4—1 3/4"	LCJ—1 3/4"	RCJ—1 3/4"	F220	SF-20	FY104	201—1 3/4"
1 7/8"	FB200—1 7/8"	FB220—1 7/8"	FB250—1 7/8"	7F—1 7/8"	SC4—1 7/8"	SX4—1 7/8"	LCJ—1 7/8"	RCJ—1 7/8"	F221	SF-21	FY105	201—1 7/8"
2"	FB200—2"	FB220—2"	FB250—2"	7F—2"	SC4—2"	SX4—2"	LCJ—2"	RCJ—2"	F222	SF-22	FY106	201—2"
2 1/16"	FB200—2 1/16"	FB220—2 1/16"	FB250—2 1/16"	7F—2 1/16"	SC4—2 1/16"	SX4—2 1/16"	LCJ—2 1/16"	RCJ—2 1/16"	F223	SF-23	FY107	201—2 1/16"
1 1/2"	FB200—1 1/2"	FB220—1 1/2"	FB250—1 1/2"	8F—1 1/2"	SC4—1 1/2"	SX4—1 1/2	LCJ—1 1/2"	RCJ—1 1/2"	F224	SF-24	FY108	201—1 1/2"
1 3/4"	FB200—1 3/4"	FB220—1 3/4"	FB250—1 3/4"	—	—	—	LCJ—1 3/4"	RCJ—1 3/4"	—	SF-25	—	—
1 5/8"	FB200—1 5/8"	FB220—1 5/8"	FB250—1 5/8"	9F—1 5/8"	*SC4—1 5/8"	SX4—1 5/8"	LCJ—1 5/8"	RCJ—1 5/8"	F226	SF-26	FY110	201—1 5/8"
1 7/8"	FB200—1 7/8"	FB220—1 7/8"	FB250—1 7/8"	9F—1 7/8"	SC4—1 7/8"	SX4—1 7/8"	LCJ—1 7/8"	RCJ—1 7/8"	F227	SF-27	FY111	201—1 7/8"
2 1/8"	FB200—2 1/8"	FB220—2 1/8"	FB250—2 1/8"	9F—2 1/8"	SC4—2 1/8"	SX4—2 1/8"	LCJ—2 1/8"	RCJ—2 1/8"	F228	SF-28	FY112	201—2 1/8"
1 3/4"	FB200—1 3/4"	FB220—1 3/4"	FB250—1 3/4"	—	—	—	LCJ—1 3/4"	RCJ—1 3/4"	—	SF-30	—	—
1 7/8"	FB200—1 7/8"	FB220—1 7/8"	FB250—1 7/8"	10F—1 7/8"	SC4—1 7/8"	SX4—1 7/8"	LCJ—1 7/8"	RCJ—1 7/8"	F231	SF-31	FY115	201—1 7/8"
2	FB200—2	FB220—2	FB250—2	11F—2	*SC4—2	*SX4—2	LCJ—2	RCJ—2	F232	SF-32	FY200	201—2
2 1/8"	FB200—2 1/8"	FB220—2 1/8"	FB250—2 1/8"	—	—	—	LCJ—2 1/8"	RCJ—2 1/8"	F234	SF-34	—	—
2 1/4"	FB200—2 1/4"	FB220—2 1/4"	FB250—2 1/4"	11F—2 1/4"	SC4—2 1/4"	SX4—2 1/4"	LCJ—2 1/4"	RCJ—2 1/4"	F235	SF-35	FY203	201—2 1/4"
2 3/4"	FB200—2 3/4"	FB220—2 3/4"	FB250—2 3/4"	—	—	—	LCJ—2 3/4"	RCJ—2 3/4"	—	SF-36	FY204	—
2 7/8"	FB200—2 7/8"	FB220—2 7/8"	FB250—2 7/8"	*12F—2 7/8"	*SC4—2 7/8"	*SX4—2 7/8"	LCJ—2 7/8"	RCJ—2 7/8"	F236	SF-38	—	—
3"	FB200—3"	FB220—3"	FB250—3"	—	—	—	LCJ—3"	RCJ—3"	F237	SF-39	FY207	201—3"
3 1/8"	FB200—3 1/8"	FB220—3 1/8"	FB250—3 1/8"	*12F—3 1/8"	*SC4—2 7/8"	*SX4—2 7/8"	LCJ—2 7/8"	RCJ—2 7/8"	F239	SF-39	FY207	201—2 7/8"
3 1/4"	—	—	—	—	*SC4—2 3/4"	*SX4—2 3/4"	LCJ—2 3/4"	RCJ—2 3/4"	F247	SF-47	FY215	201—2 3/4"

Table No. 2

Two Hole Series

Shaft Size	BROWNING BLOCKS			COMPARATIVE BLOCKS								
	Lifetime① Lubricated	Relube③ Type	Relube③ Type	Boston④	Dodge		Fafnir⑥		Link Belt③	Seal③ Master	SKF	Woods③
					SC2 ⑤	SX2 ⑤	LCJT	RCJT				
1/2"	FB210—1/2"	FB230—1/2"	FB260—1/2"	3T—1/2"	SC2—1/2"	SX2—1/2"	LCJT—1/2"	RCJT—1/2"	—	SFT-8	—	202—1/2"
3/16	FB210—3/16	FB230—3/16	FB260—3/16	—	—	—	LCJT—3/16	RCJT—3/16	—	SFT-9	—	—
5/16	FB210—5/16	FB230—5/16	FB260—5/16	3T—5/16	SC2—5/16	SX2—5/16	LCJT—5/16	RCJT—5/16	FX-210	SFT-10	—	202—5/16
11/16	FB210—11/16	FB230—11/16	FB260—11/16	—	—	—	LCJT—11/16	RCJT—11/16	FX-211	SFT-11	—	202—11/16
3/4	FB210—3/4	FB230—3/4	FB260—3/4	4T—3/4	SC2—3/4	SX2—3/4	LCJT—3/4	RCJT—3/4	FX-212	SFT-12	—	202—3/4
13/16	FB210—13/16	FB230—13/16	FB260—13/16	—	—	—	LCJT—13/16	RCJT—13/16	—	—	—	—
7/8	FB210—7/8	FB230—7/8	FB260—7/8	5T—7/8	SC2—7/8	SX2—7/8	LCJT—7/8	RCJT—7/8	FX-214	SFT-14	—	202—7/8
13/16	FB210—13/16	FB230—13/16	FB260—13/16	5T—13/16	SC2—13/16	SX2—13/16	LCJT—13/16	RCJT—13/16	FX-215	SFT-15	—	202—13/16
1	FB210—1	FB230—1	FB260—1	5T—1	SC2—1	SX2—1	LCJT—1	RCJT—1	FX-216	SFT-16	—	202—1
1 1/16	FB210—1 1/16	FB230—1 1/16	FB260—1 1/16	—	SC2—1 1/16	SX2—1 1/16	LCJT—1 1/16	RCJT—1 1/16	—	SFT-17	—	—
1 1/8	FB210—1 1/8	FB230—1 1/8	FB260—1 1/8	6T—1 1/8	SC2—1 1/8	SX2—1 1/8	LCJT—1 1/8	RCJT—1 1/8	FX-218	SFT-18	—	202—1 1/8
1 3/16	FB210—1 3/16	FB230—1 3/16	FB260—1 3/16	6T—1 3/16	SC2—1 3/16	SX2—1 3/16	LCJT—1 3/16	RCJT—1 3/16	FX-219	SFT-19	—	202—1 3/16
1 1/4	FB210—1 1/4S	FB230—1 1/4S	—	6T—1 1/4	—	—	—	—	FX2E20	—	—	—
1 1/2	FB210—1 1/2	FB230—1 1/2	FB260—1 1/2	7T—1 1/2	SC2—1 1/2	SX2—1 1/2	LCJT—1 1/2	RCJT—1 1/2	FX-220	SFT-20	—	202—1 1/2
1 5/16	FB210—1 5/16	FB230—1 5/16	FB260—1 5/16	7T—5/16	SC2—1 5/16	SX2—1 5/16	LCJT—1 5/16	RCJT—1 5/16	FX-221	SFT-21	—	202—1 5/16
1 3/8	FB210—1 3/8	FB230—1 3/8	FB260—1 3/8	7T—1 3/8	SC2—1 3/8	SX2—1 3/8	LCJT—1 3/8	RCJT—1 3/8	FX-222	SFT-22	—	202—1 3/8
1 7/16	FB210—1 7/16	FB230—1 7/16	FB260—1 7/16	7T—1 7/16	SC2—1 7/16	SX2—1 7/16	LCJT—1 7/16	RCJT—1 7/16	FX-223	SFT-23	—	202—1 7/16
1 1/2	FB210—1 1/2	FB230—1 1/2	FB260—1 1/2	—	SC2—1 1/2	SX2—1 1/2	LCJT—1 1/2	RCJT—1 1/2	FX-224	SFT-24	—	—
1 9/16	FB210—1 9/16	FB230—1 9/16	FB260—1 9/16	—	—	—	—	—	—	SFT-25	—	—
1 5/8	FB210—1 5/8	FB230—1 5/8	FB260—1 5/8	—	*SC2—1 5/8	SX2—1 5/8	LCJT—1 5/8	RCJT—1 5/8	—	SFT-26	—	—
1 11/16	FB210—1 11/16	FB230—1 11/16	FB260—1 11/16	—	SC2—1 11/16	SX2—1 11/16	LCJT—1 11/16	RCJT—1 11/16	—	SFT-27	—	—
1 3/4	FB210—1 3/4	FB230—1 3/4	FB260—1 3/4	—	SC2—1 3/4	SX2—1 3/4	LCJT—1 3/4	RCJT—1 3/4	—	SFT-28	—	—
1 7/8	FB210—1 7/8	FB230—1 7/8	FB260—1 7/8	—	—	—	LCJT—1 7/8	RCJT—1 7/8	—	SFT-30	—	—
1 15/16	FB210—1 15/16	FB230—1 15/16	FB260—1 15/16	—	SC2—1 15/16	SX2—1 15/16	LCJT—1 15/16	RCJT—1 15/16	—	SFT-31	—	—
2	FB210—2	FB230—2	FB260—2	—	*SC2—2	*SX2—2	LCJT—2	RCJT—2	—	SFT-32	—	—
2 1/8	FB210—2 1/8	FB230—2 1/8	FB260—2 1/8	—	—	—	LCJT—2 1/8	RCJT—2 1/8	—	SFT-34	—	—
2 3/16	FB210—2 3/16	FB230—2 3/16	FB260—2 3/16	—	—	SX2—2 3/16	LCJT—2 3/16	RCJT—2 3/16	—	SFT-35	—	—

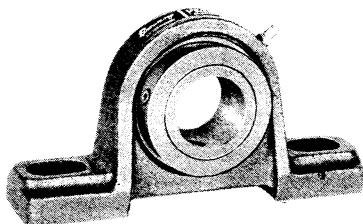
NOTE—These charts are comparison charts only and do not mean that our bearing unit is interchangeable in all dimensions with competitive units. In MOST cases they are dimensionally interchangeable but in ALL cases should be checked.

*These sizes are not dimensionally interchangeable.

①Lifetime Lubricated—Eccentric Lock ②Relube Type—Eccentric Lock ③Relube Type—Setscrew Lock.

Browning Pillow Blocks and Flange Blocks

PB350 RELUBE TYPE PILLOW BLOCKS



Malleable Housings
Medium Series
Self-Aligning
Bearings
Setscrew Locking
1/8" Pipe Fitting

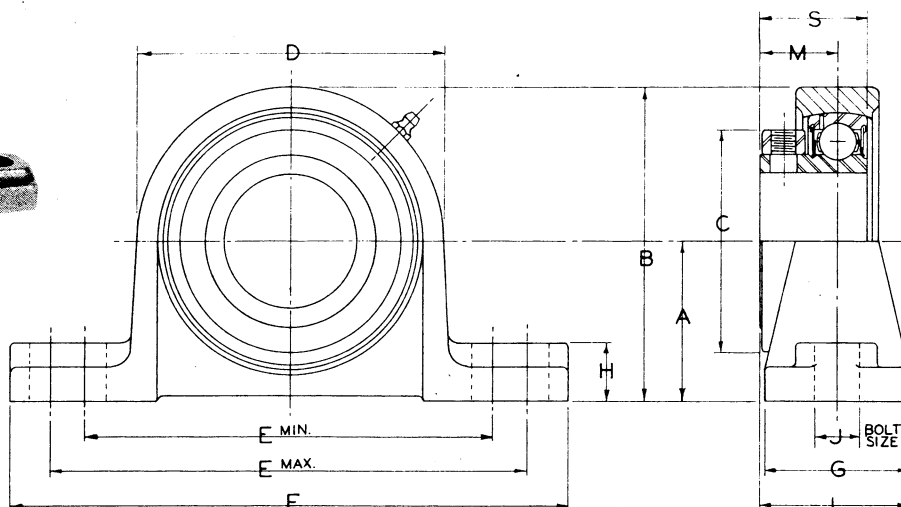


Table No. 1

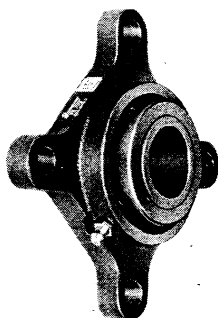
Specifications

STOCK BORES		DIMENSIONS													Wt. Lbs.
Basic	Other	A	B	C	D	E		F	G	H	J	L	M	S	
						Min.	Max.								
17/16"	—	2 1/8"	4"	2 3/4"	3 3/4"	5 1/16"	6 5/16"	7 3/8"	1 3/4"	1 1/16"	1/2"	1 29/32"	1 1/32"	1 7/16"	4.3
1 1/2"	—	2 5/16"	4 5/16"	2 7/8"	4"	5 9/16"	6 11/16"	7 7/8"	2"	1 3/16"	5/8"	2 1/32"	1 1/32"	1 7/16"	5.1
1 11/16"	1 5/8, 1 3/4"	2 5/16"	4 7/16"	3 1/16"	4 1/4"	5 9/16"	6 11/16"	7 7/8"	2 1/8"	1 3/16"	5/8"	2 3/32"	1 1/32"	1 29/64"	5.3
1 15/16"	2	2 1/2"	4 27/32"	3 3/8"	4 11/16"	6 1/16"	7 7/16"	8 3/8"	2 3/8"	7/8"	5/8"	2 1/4"	1 1/16"	1 33/64"	6.6
2 3/16"	2 1/4	2 3/4"	5 11/32"	3 11/16"	5 3/16"	6 11/16"	7 13/16"	9 1/4"	2 5/8"	1 5/16"	3/4"	2 13/32"	1 3/32"	1 37/64"	8.6
2 1/8"	2 1/2	3"	5 15/16"	4 3/8"	5 7/8"	7 7/16"	8 9/16"	10"	2 7/8"	1 5/16"	3/4"	2 47/64"	1 19/64"	1 55/64"	12.4
2 11/16"	—	3 1/2"	6 9/16"	4 3/4"	6 1/8"	8 5/16"	9 11/16"	11 5/16"	3"	1"	7/8"	2 27/32"	1 11/32"	1 57/64"	15.3
2 5/16"	3	3 1/2"	6 3/4"	5"	6 1/2"	8 5/16"	9 11/16"	11 5/16"	3 3/8"	1"	7/8"	2 29/32"	1 11/32"	1 59/64"	15.8
3 1/16"	3 1/2	4"	7 1/16"	5 5/8"	7 3/8"	9 1/16"	12 9/16"	14 3/16"	3 1/2"	1 3/16"	7/8"	3 5/32"	1 13/32"	2 3/64"	23.3

Part Numbers are specified by "PB350" and bore size; Example, "PB350—2 7/16".

For Load Ratings and Comparison Charts, See Page 454.

FB350 RELUBE TYPE FLANGE BLOCKS



Malleable Housings
Medium Series
Self-Aligning
Bearings
Setscrew Locking
1/8" Pipe Fitting

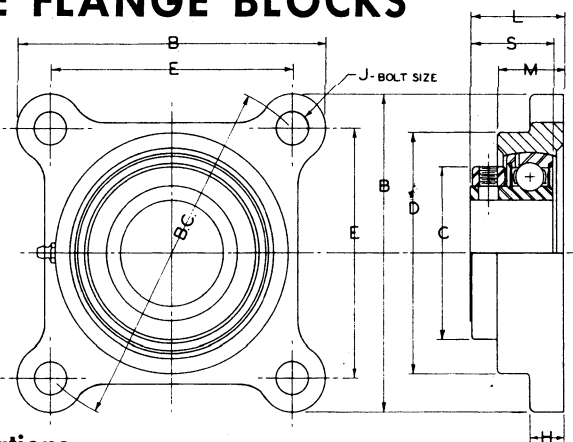


Table No. 2

Specifications

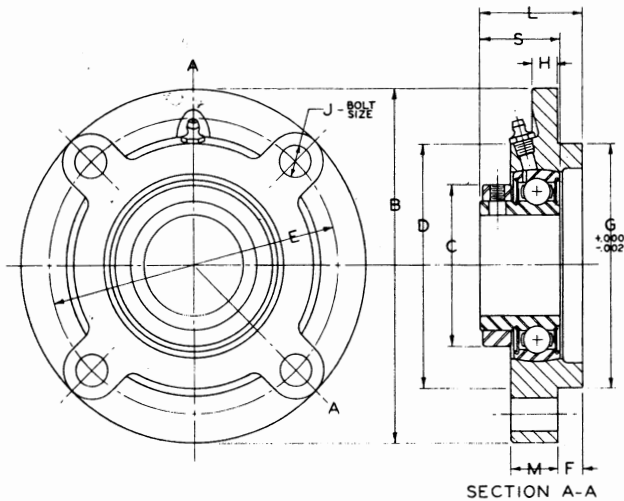
STOCK BORES		DIMENSIONS										Wt. Lbs.
Basic	Other	B	B.C.	C	D	E	H	J	L	M	S	
1 7/16"	—	5 1/16"	5 2 1/32"	2 3/4"	3 3/4	4"	9 1/16"	1 1/2"	1 5/8"	1 1/8"	1 7/16"	3.6
1 1/2"	—	5 1/4	5 5 3/64	2 7/8	4	4 1/8	9 1/16	1 1/2	1 5/8	1 1/8	1 7/16	4.1
1 11/16	1 5/8, 1 3/4"	5 1/2	6 3/16	3 1/16	4 1/4	4 3/8	9 1/16	1 1/2	1 41/64	1 1/8	1 29/64	4.8
1 15/16	2	6 3/8	7 1/4	3 3/8	4 11/16	5 1/8	9 1/8	5/8	1 45/64	1 3/16	1 33/64	6.0
2 3/16	2 1/4	6 7/8	7 6 1/64	3 11/16	5 3/16	5 5/8	11 1/16	5/8	1 49/64	1 1/4	1 37/64	7.4
2 1/16	2 1/2	7 1/8	8 5/16	4 3/8	5 7/8	5 5/8	11 1/16	5/8	2 1/8	1 17/32	1 55/64	10.5
2 11/16	—	7 7/8	8 3 1/64	4 3/4	6 1/8	6	13 1/16	3/4	2 5/32	1 17/32	1 57/64	12.1
2 5/16	3	7 7/8	8 3 1/64	5	6 1/2	6	13 1/16	3/4	2 17/64	1 21/32	1 59/64	13.5
3 1/16	3 1/2	8 3/8	9 3 3/64	5 5/8	7 3/8	6 3/4	15 1/16	3/4	2 3/8	1 25/32	2 3/64	17.7

Part Numbers are specified by "FB350" and bore size; Example, "FB350—2 7/16".

For Load Ratings and Comparison Charts, See Page 454.

Browning Flange Cartridges and Take-Up Units

FC350 FLANGE CARTRIDGES



Cast Iron
Housings

Medium Series
Self-Aligning
Bearings

Setscrew Locking

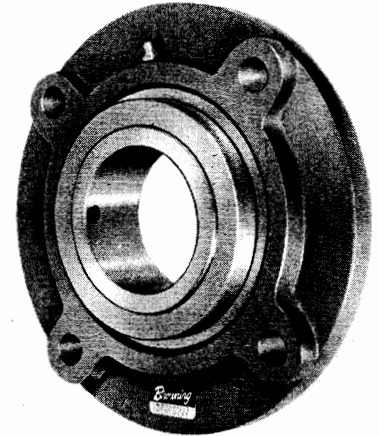


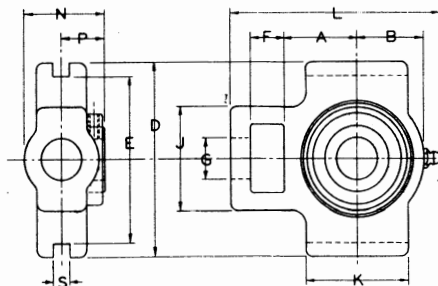
Table No. 1

Specifications

STOCK BORES		DIMENSIONS											Wt. Lbs.
Basic	Other	B	C	D	E	F	G	H	J	L	M	S	
1 1/4"	—	5"	1 55/64"	3 3/8"	4 1/8"	3/8"	3.375"	3/8"	3/8"	1 13/16"	7/8"	1 3/8"	3.3
1 7/16	—	5 1/4"	2 3/4"	3 3/4"	4 3/8"	7/16"	3.625"	3/8"	3/8"	1 13/16"	7/8"	1 7/16"	3.9
1 1/2"	—	5 1/4"	2 7/8"	4"	4 3/8"	7/16"	3.625"	3/8"	3/8"	1 13/16"	7/8"	1 7/16"	4.1
1 11/16	1 5/8", 1 3/4"	6 1/8"	3 1/16"	4 1/4"	5 1/8"	15/32"	4.250"	3/8"	7/2"	1 27/32"	7/8"	1 29/64"	5.5
1 15/16	2"	6 7/8"	3 3/8"	4 11/16"	5 3/8"	5/8"	4.500"	3/8"	7/2"	2"	7/8"	1 33/64"	6.1
2 3/16	2 1/4"	7 1/8"	3 11/16"	5 3/16"	6"	7/8"	5.000"	1/2"	1/2"	2 3/8"	1"	1 37/64"	8.9
2 1/16	2 1/2"	7 3/8"	4 3/8"	5 7/8"	6 1/2"	1"	5.500"	1/2"	1/2"	2 17/32"	1"	1 55/64"	11.3
2 11/16	—	8 3/4"	4 3/4"	6 3/8"	7 1/2"	1 1/8"	6.375"	1/2"	3/4"	2 5/8"	1"	1 57/64"	15.4
2 15/16	3"	8 7/8"	5"	6 1/2"	7 3/4"	1 1/8"	6.375"	1/2"	3/4"	2 23/32"	1 1/8"	1 59/64"	15.2
3 1/16	3 1/2"	10 1/4"	5 5/8"	7 3/8"	8 3/8"	1 1/8"	7.375"	5/8"	3/4"	2 13/16"	1 1/8"	2 3/64"	22.5

Part Numbers are Specified by "FC350" and Bore Size; Example, "FC350-1 1/4".
For Load Ratings and Comparison Chart, see page 454.

TU350 RELUBE TAKE-UP UNITS



Malleable Housings

Medium Series

Self-Aligning
Bearings

Setscrew Locking

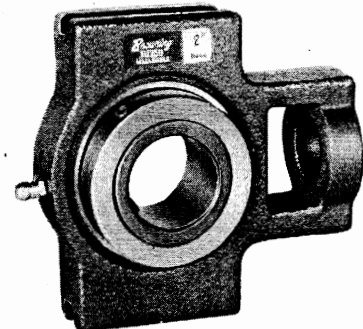


Table No. 2

Specifications

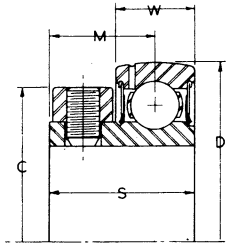
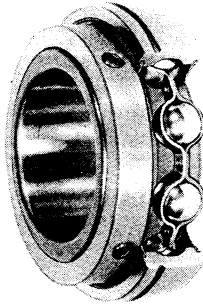
STOCK BORES		Use With Frame No.★	DIMENSIONS											Wt. Lbs.	
Basic	Other		A	B	D	E	F	G	J	K	L	N	P		Sφ
1 7/16"	—	3—18T200FH	1 7/8"	1 7/8"	4 1/2"	4"	3/4"	1 1/8"	2 5/8"	2 15/16"	5 1/2"	1 15/16"	1 1/32"	5/16"	4.0
1 1/2"	—	3—18T200FH	2 1/16	2	4 1/2	4	3/4	1 1/8	2 5/8	3 1/8	5 13/16	1 15/16	1 1/32	5/16	4.8
1 11/16	1 3/4"	3—18T200FH	2 3/16	2 1/8	4 1/2	4	3/4	1 1/8	2 5/8	3 5/16	6 1/16	1 15/16	1 1/32	5/16	6.8
1 15/16	—	9—18T200JK	2 3/8	2 11/32	5 3/4	5 1/8	1	1 3/8	3 1/4	3 11/16	6 27/32	2 1/8	1 1/16	5/16	9.6
2 3/16	2 1/4	9—18T200JK	2 11/16	2 19/32	5 3/4	5 1/8	1	1 3/8	3 1/4	4 1/16	7 13/32	2 3/32	1 3/32	5/16	12.0
2 1/16	2 1/2	—	3 3/16	2 15/16	6 1/16	5 15/16	1 1/4	1 5/8	3 3/4	4 3/4	8 5/8	2 11/16	1 55/64	5/16	16.0
2 15/16	3	—	3 1/16	3 1/4	7 1/4	6 1/2	1 1/4	1 5/8	3 3/4	4 3/4	9 1/16	2 23/32	1 11/32	5/16	20.0

Part Numbers are specified by "TU350" and bore size; Example "TU350-2 1/4".

★Take-Up Frames are shown in Table No. 2, page 446.

φTake-Up Units with wider slots are available in Production Quantities.

B350 ADAPTER BEARINGS



MEDIUM SERIES

RELUBE TYPE

SETSCREW LOCKING

METAL SHIELDED SEALS

Table No. 1

Specifications

Bore	DIMENSIONS					Wt. Lbs.	Bore	DIMENSIONS					Wt. Lbs.
	C	D	M	S	W			C	D	M	S	W	
1 ¹ / ₁₆	2 ³ / ₄ "	3.1496"	1.029"	1.437"	.811"	1.6	2 ¹ / ₁₆ , 2 ¹ / ₂	4 ³ / ₈ "	4.9213"	1.304"	1.860"	1.108"	5.1
1 ¹ / ₂	2 ⁷ / ₈	3.3465	1.0...	1.437	.811	1.9	2 ¹ / ₁₆	4 ³ / ₄	5.1181	1.338	1.890	1.108	5.6
1 ⁹ / ₁₆ , 1 ¹¹ / ₁₆ , 1 ³ / ₄	3 ¹ / ₁₆	3.5433	1.058	1.453	.826	2.2	2 ¹ / ₁₆ , 3	5	5.5118	1.338	1.928	1.176	6.4
1 ¹ / ₄ , 2	3 ³ / ₈	3.9370	1.068	1.514	.887	2.6	3 ¹ / ₁₆ , 3 ¹ / ₂	5 ³ / ₈	6.2992	1.399	2.050	1.298	8.5
2 ¹ / ₁₆ , 2 ¹ / ₄	3 ¹¹ / ₁₆	4.3307	1.110	1.577	.950	3.1							

Part Numbers are Specified by "B350" and Bore Size; Example, "B350—1¹/₂".

Used in "PB350" Pillow Blocks, "FB350" Flange Blocks, "FC350" Flange Cartridges and "TU350" Take-Up Units.

COMPARISON CHARTS

NOTE—These charts are comparison charts only and do not mean that our bearing unit is interchangeable in all dimensions with competitive units. In MOST cases they are dimensionally interchangeable but in ALL cases should be checked.

Table No. 2 PB350 Pillow Blocks

Shaft Size	Browning Blocks	Comparative Blocks		
		Dodge	Sealmaster	Fafnir
1 ⁷ / ₁₆ "	PB350-1 ⁷ / ₁₆	SCM-1 ⁷ / ₁₆	MP-23	LAKH-1 ⁷ / ₁₆
1 ¹ / ₂	PB350-1 ¹ / ₂	SCM-1 ¹ / ₂	MP-24	LAKH-1 ¹ / ₂
1 ¹¹ / ₁₆	PB350-1 ¹¹ / ₁₆	SCM-1 ¹¹ / ₁₆	MP-27	LAKH-1 ¹¹ / ₁₆
1 ³ / ₄	PB350-1 ³ / ₄	SCM-1 ³ / ₄	MP-28	—
1 ¹⁵ / ₁₆	PB350-1 ¹⁵ / ₁₆	SCM-1 ¹⁵ / ₁₆	MP-31	LAKH-1 ¹⁵ / ₁₆
2	PB350-2	SCM-2	MP-32	—
2 ³ / ₁₆	PB350-2 ³ / ₁₆	SCM-2 ³ / ₁₆	MP-35	LAKH-2 ³ / ₁₆
2 ¹ / ₄	PB350-2 ¹ / ₄	SCM-2 ¹ / ₄	MP-36	—
2 ¹ / ₂	PB350-2 ¹ / ₂	SCM-2 ¹ / ₂	MP-39	LAKH-2 ¹ / ₂
2 ¹ / ₂	PB350-2 ¹ / ₂	SCM-2 ¹ / ₂	MP-40	—
2 ¹¹ / ₁₆	PB350-2 ¹¹ / ₁₆	—	MP-43	LAKH-2 ¹¹ / ₁₆
2 ¹⁵ / ₁₆	PB350-2 ¹⁵ / ₁₆	SCM-2 ¹⁵ / ₁₆	MP-47	LAKH-2 ¹⁵ / ₁₆
3	PB350-3	SCM-3	MP-48	—
3 ¹ / ₁₆	PB350-3 ¹ / ₁₆	SCM-3 ¹ / ₁₆	MP-55	—
3 ¹ / ₂	PB350-3 ¹ / ₂	SCM-3 ¹ / ₂	MP-56	—

Table No. 3 FB350 Flange Blocks

Shaft Size	Browning Blocks	Comparative Blocks	
		Dodge	Sealmaster
1 ⁷ / ₁₆ "	FB350-1 ⁷ / ₁₆	SCM-1 ⁷ / ₁₆	MSF-23
1 ¹ / ₂	FB350-1 ¹ / ₂	SCM-1 ¹ / ₂	MSF-24
1 ¹¹ / ₁₆	FB350-1 ¹¹ / ₁₆	SCM-1 ¹¹ / ₁₆	MSF-27
1 ³ / ₄	FB350-1 ³ / ₄	SCM-1 ³ / ₄	MSF-28
1 ¹⁵ / ₁₆	FB350-1 ¹⁵ / ₁₆	SCM-1 ¹⁵ / ₁₆	MSF-31
2	FB350-2	SCM-2	MSF-32
2 ³ / ₁₆	FB350-2 ³ / ₁₆	SCM-2 ³ / ₁₆	MSF-35
2 ¹ / ₄	FB350-2 ¹ / ₄	SCM-2 ¹ / ₄	MSF-36
2 ¹ / ₂	FB350-2 ¹ / ₂	SCM-2 ¹ / ₂	MSF-39
2 ¹ / ₂	FB350-2 ¹ / ₂	SCM-2 ¹ / ₂	MSF-40
2 ¹¹ / ₁₆	FB350-2 ¹¹ / ₁₆	—	MSF-43
2 ¹⁵ / ₁₆	FB350-2 ¹⁵ / ₁₆	SCM-2 ¹⁵ / ₁₆	MSF-47
3	FB350-3	SCM-3	MSF-48
3 ¹ / ₁₆	FB350-3 ¹ / ₁₆	SCM-3 ¹ / ₁₆	MSF-55
3 ¹ / ₂	FB350-3 ¹ / ₂	SCM-3 ¹ / ₂	MSF-56

LOAD RATING CHART

Table No. 4

Shaft Size in Inches	Bearing Radial Load Capacity in Pounds Based on Average Life of 2500 Hours					
	Revolutions per Minute					
	100	500	1000	1500	2000	2500
1 ⁷ / ₁₆	*3350	2948	2330	2040	1851	1721
1 ¹ / ₂	*3900	3163	2501	2189	1986	1846
1 ⁹ / ₁₆ , 1 ¹¹ / ₁₆ , 1 ³ / ₄	*4300	3361	2658	2326	2111	1962
1 ¹⁵ / ₁₆ , 2	*5500	5310	4198	3675	3335	3100
2 ³ / ₁₆ , 2 ¹ / ₄	*6300	6093	4817	4217	3827	3557
2 ¹ / ₂ , 2 ¹ / ₂	*8400	6853	5418	4743	4304	4000
2 ¹¹ / ₁₆	*8400	7286	5760	5043	4576	4253
2 ¹⁵ / ₁₆ , 3	*9450	8548	6758	5916	5369	4990
3 ¹ / ₁₆ , 3 ¹ / ₂	*13875	10575	8361	7319	6642	—

*These capacities limited by quiet running radial capacity rather than fatigue life.

The Capacities listed above are basic radial load ratings in pounds. They are for PB350 Pillow Blocks, FB350 Flange Blocks, FC350 Flange Cartridges, TU350 Take-Up Units and B350 Adapter Bearings.

The above ratings are for an average bearing life of 2500 hours at the speeds shown. If another average life is desired, these ratings must be modified by factors as follows:

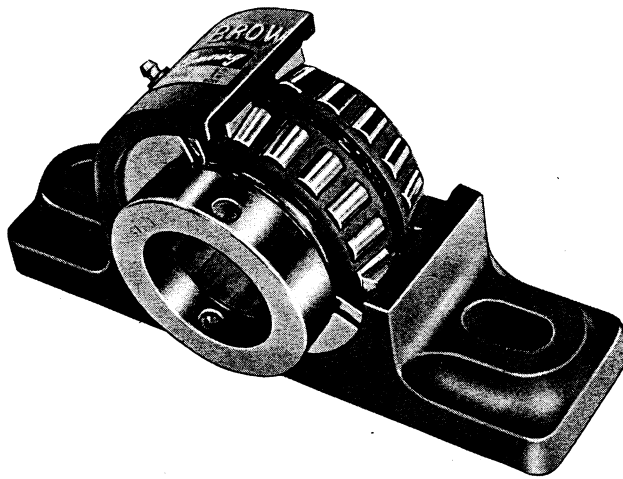
500 Hours—1.71	4000 Hours—.85	9000 Hours—.65
1000 Hours—1.36	5000 Hours—.79	10,000 Hours—.63
1500 Hours—1.19	6000 Hours—.75	15,000 Hours—.55
2000 Hours—1.07	7000 Hours—.71	20,000 Hours—.50
3000 Hours—.94	8000 Hours—.68	

Maximum Recommended Speeds: 3" and Smaller, 2500 R.P.M.; 3¹/₁₆" and Larger, 2000 R.P.M.

Operating Temperature Range: —25°F to +225°F

For applications not shown above, consult the Browning Engineers.

Browning Tapered Roller Bearing Units



Malleable Housings

Timken Tapered Roller Bearings

Eccentric Locking Collars

CENTRAP® Grease Seals

Elongated Bolt Holes

Feature by feature, compare BROWNING Tapered Roller Bearing Pillow Blocks and Flange Blocks with all others.

1. The housings are MALLEABLE IRON which not only provides greater strength, but more compact design and lighter weight.
2. They are the only heavy duty Bearing Units with eccentric locking which insures a firm grip to the shaft even under shock load.
3. They are equipped with a new Timken Tapered Roller Bearing designed especially for Browning Bearing Unit application.
4. The bearings have crowned rollers, which give line

contact between rollers and races for longer, more trouble-free life.

5. Steel CENTRAP seals retain lubricant and keep dirt out by centrifugal force which permits excess grease to drain from the Bearing in case of over lubrication.
6. Bearings are sealed both on and off the shaft.
7. Elongated bolt holes permit replacement of competitive Pillow Blocks and provide more adjustment.

BROWNING Tapered Roller Bearing Units are completely assembled, adjusted and lubricated at the factory, ready for use. Installation is simple and instructions are included with each unit.

PB900 PILLOW BLOCKS

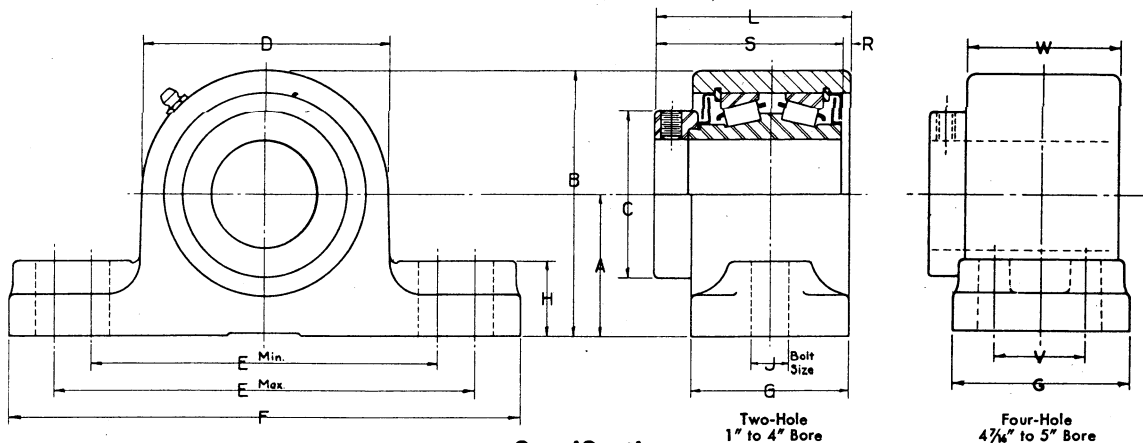


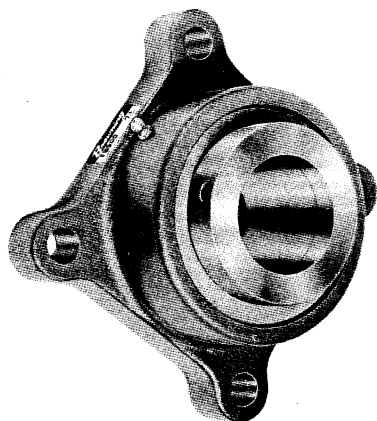
Table No. 1 Specifications

Stock Bores		A	B	C	D	E		F	G	H	J	L	R	S	V	W	Wt. Lbs.
Basic	Other					Min.	Max.										
1"		1 1/16"	3 1/32"	1 15/16"	2 15/16"	4 1/8"	4 5/8"	5 7/8"	2"	3/4"	1/2"	2 37/64"	3/64"	2 17/32"	—	—	4.4
1 1/16	1 1/4", 1 3/8"	1 1/4"	3 13/32"	2 3/32"	3 5/16"	4 1/2"	5"	6 3/8"	2 1/4"	3/4"	1/2"	2 13/16"	1/16"	2 3/4"	—	—	5.7
1 1/8	1 1/2", 1 3/4"	1 1/8"	3 1/8"	2 9/32"	3 1/2"	4 3/4"	5 1/8"	7 1/4"	2 1/2"	1"	1/2"	2 7/8"	1/16"	2 13/16"	—	—	6.3
1 15/16	1 7/8", 2", 2 1/8"	2 1/8"	4 1/2"	3 1/4"	3 3/4"	5 1/4"	6 1/8"	7 3/4"	2 3/8"	1 1/8"	3/4"	2 15/16"	3/8"	2 3/16"	—	—	7.7
2 1/16		2 1/4"	4 17/32"	2 15/16"	4 9/16"	6"	7 1/8"	8 7/8"	2 1/16"	1 1/4"	3/8"	3 1/32"	3/32"	3 1/16"	—	—	11.2
2 1/8		2 1/2"	4 31/32"	3 11/32"	4 15/16"	6 1/2"	7 7/8"	9 5/8"	2 1/2"	1 1/2"	3/8"	3 1/32"	3/32"	3 3/8"	—	—	13.1
2 3/16	2 1/4", 2 1/2"	2 3/8"	4 3/4"	3 1/16"	5 1/4"	6 3/8"	8 3/8"	10 3/8"	2 5/16"	1 3/8"	3/8"	3 1/16"	3/32"	3 1/2"	—	—	16.3
2 1/2	2 1/16", 2 3/4"	3 1/8"	6 1/16"	3 31/32"	5 7/8"	7 7/8"	9 5/8"	11 5/8"	2 3/8"	1 5/8"	3/4"	3 17/32"	3/32"	3 7/16"	—	—	19.9
3 1/16	3"	3 5/16"	6 1/16"	4 1/4"	6 1/2"	8 3/8"	9 3/4"	11 3/4"	3 1/8"	1 5/8"	3/4"	4 1/32"	3/32"	3 15/16"	—	—	26.8
3 1/8	3 1/2"	3 3/4"	7 3/8"	4 11/16"	7 1/4"	9 5/8"	11 1/4"	13 1/2"	3 1/8"	1 7/8"	3/8"	4 5/64"	5/64"	4"	—	—	34.1
3 15/16	4"	4 1/8"	8"	5 3/8"	7 3/4"	10 1/16"	11 11/16"	14 1/4"	3 3/8"	2"	1"	4 29/32"	5/32"	4 3/4"	—	—	47.7
4 1/16	4 1/2"	4 3/4"	9 1/8"	6 1/8"	8 3/4"	11 3/4"	13 3/4"	15 5/8"	4 1/2"	2 1/4"	3/4"	5 1/4"	1/16"	5 1/16"	2 1/2"	4 1/8"	65.0
4 15/16	5"	5 1/2"	10 1/16"	6 5/8"	9 1/8"	13 3/4"	15 3/4"	18 1/8"	5"	2 1/2"	7/8"	5 15/32"	3/32"	5 3/8"	2 3/4"	4 1/4"	77.0

Part Numbers are specified by "PB900" and bore size; Example, "PB900—1 1/4\". PB900 Pillow Blocks are equipped with 1/2" Pipe Fitting.
For Load Ratings, See Page 461. For Comparison Chart, See Page 457.

Browning Tapered Roller Bearing Units

FB900 FLANGE BLOCKS



Malleable Housings

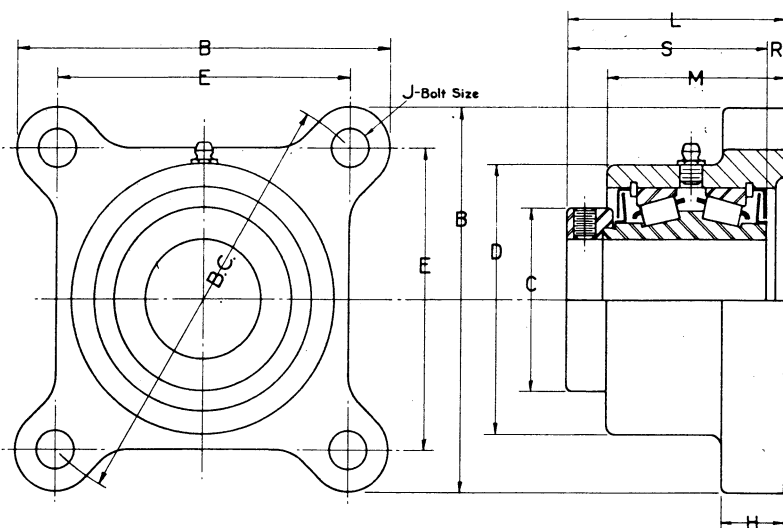
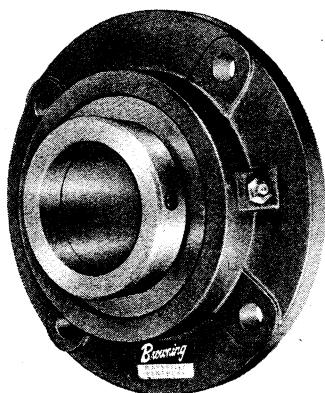


Table No. 1 Specifications

STOCK BORES		DIMENSIONS											Wt. Lbs.
Basic	Other	B	B.C.	C	D	E	H	J	L	M	R	S	
1"	—	3 5/8"	3 5/8"	1 15/16"	2 15/16"	2 3/4"	9 1/16"	3/8"	2 45/64"	2 1/8"	1 1/64"	2 17/32"	3.9
1 3/16	1 1/4", 1 3/8"	3 7/8	4 1/4	2 3/32	3 1/4	3	5/8	3/8	2 15/16	2 3/8	3/16	2 3/4	4.9
1 7/16	1 1/2	4 9/16	4 61/64	2 9/32	3 7/16	3 1/2	3/4	1/2	3	2 3/8	3/16	2 13/16	5.5
1 11/16	1 5/8, 1 3/4	5 1/4	5 53/64	2 1/2	3 11/16	4	7/8	1/2	3 1/16	2 1/2	1/4	2 13/16	7.0
1 15/16	1 7/8, 2, 2 1/8	5 1/2	6 3/16	2 5/16	4 1/2	4 3/8	7/8	1/2	3 9/32	2 7/16	7/32	3 1/16	10.2
2 3/16	—	6 3/16	6 57/64	3 11/32	4 7/8	4 7/8	1	5/8	3 11/32	2 7/8	7/32	3 3/8	12.3
2 7/16	2 1/4, 2 1/2	6 3/4	7 19/32	3 7/16	5 1/16	5 1/8	1	5/8	3 29/64	2 11/16	13/64	3 1/4	14.8
2 11/16	2 11/16, 2 3/4	7 7/8	8 31/32	3 31/32	5 3/4	6	1 1/16	3/4	3 21/32	2 3/4	7/32	3 7/16	18.7
3 3/16	3	7 7/8	8 27/64	4 1/4	6 7/8	6 1/4	1 1/4	3/4	4 7/32	3 5/16	9/32	3 15/16	26.2
3 7/16	3 1/2	8 7/8	9 29/32	4 11/16	7 1/8	7	1 5/16	3/4	4 1/4	3 15/16	1/4	4	33.1
3 15/16	4	9 7/8	10 61/64	5 3/8	7 11/16	7 3/4	1 1/2	7/8	5 3/32	4 1/16	11/32	4 3/4	47.1

Part Numbers are specified by "FB900" and Bore Size; Example, "FB900—1 1/4". FB900 Flange Blocks are equipped with 1/8" Pipe Fittings. For Load Ratings, See Page 461. For Comparison Chart, See Page 457.

FC900 FLANGE CARTRIDGES



Cast Iron Housings

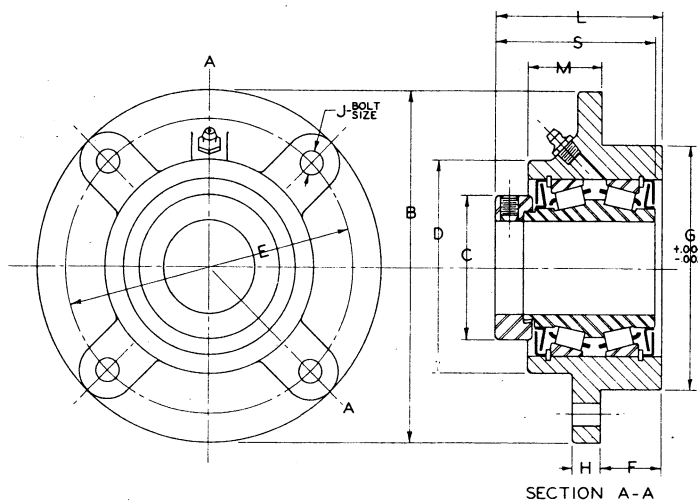


Table No. 2 Specifications

STOCK BORES		DIMENSIONS											Wt. Lbs.
Basic	Other	B	C	D	E	F	G	H	J	L	M	S	
1"	—	4 3/8"	1 15/16"	2 15/16"	3 5/8"	1 15/16"	3.000"	7/16"	5/16"	2 37/64"	1 1/16"	2 17/32"	4.0
1 3/16	1 1/4", 1 3/8"	5	2 3/32	3 1/4	4 3/8	1	3.375	7/16	3/8	2 13/16	1 1/4	2 3/4	5.3
1 7/16	1 1/2	5 1/4	2 9/32	3 7/16	4 7/8	1 15/16	3.625	1/2	3/8	2 7/8	1 5/16	2 13/16	6.0
1 11/16	1 5/8, 1 3/4	6 1/8	2 1/2	3 11/16	5 1/8	1 1/16	4.250	1/2	3/8	2 15/16	1 5/16	2 13/16	7.9
1 15/16	1 7/8, 2, 2 1/8	6 3/8	2 15/16	4 1/2	5 3/8	1 1/16	4.500	9/16	3/8	3 5/32	1 3/8	3 1/16	10.0
2 3/16	—	7 7/8	3 11/32	4 7/8	6	1 1/8	5.000	9/16	1/2	3 7/32	1 3/8	3 3/8	14.0
2 7/16	2 1/4, 2 1/2	7 7/8	3 7/16	5 1/16	6 1/2	1 1/8	5.500	9/16	1/2	3 11/32	1 7/16	3 1/4	15.5
2 11/16	2 11/16, 2 3/4	8 3/4	3 31/32	5 3/4	7 1/2	1 1/4	6.375	3/4	9/8	3 17/32	1 3/8	3 7/16	21.6

Part Numbers are specified by "FC900" and Bore Size; Example, "FC900—1 1/4". FC900 Flange Cartridges are equipped with 1/8" Pipe Fittings. For Load Ratings, See Page 461. For Comparison Chart, See Page 457.

Browning Tapered Roller Bearing Units

COMPARISON CHARTS

Table No. 1

Pillow Blocks

Shaft Size	Browning Blocks	Comparative Blocks				
		Dodge	Linkbelt		Shafer	
			C. I.	Steel	2000 Series	Life-Gard
1"	PB900-1"	—	P2-416	—	ZA-100	—
1 3/16	PB900-1 3/16	*E-1 3/16"	P2-419	—	ZA-103	P-2103
1 1/4	PB900-1 1/4	*E-1 1/4	P2-420	—	ZA-104	P-2104
1 3/8	PB900-1 3/8	*E-1 3/8	—	—	—	—
1 7/16	PB900-1 7/16	E-1 7/16	P2-423	PK2-423	ZA-107	P-2107
1 1/2	PB900-1 1/2	*E-1 1/2	P2-424	PK2-424	ZA-108	P-2108
1 5/8	PB900-1 5/8	E-1 5/8	—	—	—	—
1 11/16	PB900-1 11/16	E-1 11/16	P2-427	PK2-427	ZA-111	P-2111
1 3/4	PB900-1 3/4	*E-1 3/4	P2-428	PK2-428	ZA-112	P-2112
1 7/8	PB900-1 7/8	E-1 7/8	—	—	—	—
1 15/16	PB900-1 15/16	E-1 15/16	P2-431	PK2-431	ZA-115	P-2115
2	PB900-2	E-2	P2-432	PK2-432	ZA-200	P-2200
2 1/8	PB900-2 1/8	—	—	—	—	—
2 3/16	PB900-2 3/16	E-2 3/16	P2-435	PK2-435	ZA-203	P-2203
2 1/4	PB900-2 1/4	E-2 1/4	—	—	ZA-204	P-2204
2 7/16	PB900-2 7/16	E-2 7/16	P2-439	PK2-439	ZA-207	P-2207
2 1/2	PB900-2 1/2	E-2 1/2	P2-440	PK2-440	ZA-208	P-2208
2 11/16	PB900-2 11/16	E-2 11/16	*P2-443	*PK2-443	*ZA-211	P-2211
2 3/4	PB900-2 3/4	E-2 3/4	—	—	ZA-212	P-2212
2 15/16	PB900-2 15/16	E-2 15/16	*P2-447	*PK2-447	*ZA-215	P-2215
3	PB900-3	*E-3	*P2-448	*PK2-448	*ZA-300	P-2300
3 3/16	PB900-3 3/16	*E-3 3/16	—	—	*ZA-303	P-2303
3 7/16	PB900-3 7/16	E-3 7/16	P2-455	PK2-455	ZA-307	P-2307
3 1/2	PB900-3 1/2	E-3 1/2	P2-456	PK2-456	ZA-308	P-2308
3 15/16	PB900-3 15/16	*E-3 15/16	P2-463	PK2-463	ZA-315	P-2315
4	PB900-4	*E-4	P2-464	PK2-464	ZA-400	P-2400
4 7/16	PB900-4 7/16	E-4 7/16	—	—	—	—
4 1/2	PB900-4 1/2	E-4 1/2	—	—	—	—
4 15/16	PB900-4 15/16	E-4 15/16	—	—	—	—
5	PB900-5	E-5	—	—	—	—

Table No. 2

Flange Blocks

Shaft Size	Browning Blocks	Comparative Blocks		
		Dodge	Linkbelt	Shafer
1"	FB900-1"	—	*F-416	*ZB-100
1 3/16	FB900-1 3/16	*E-1 3/16"	*F-419	*ZB-103
1 1/4	FB900-1 1/4	*E-1 1/4	*F-420	*ZB-104
1 3/8	FB900-1 3/8	*E-1 3/8	—	—
1 7/16	FB900-1 7/16	E-1 7/16	*F-423	*ZB-107
1 1/2	FB900-1 1/2	*E-1 1/2	*F-424	*ZB-108
1 5/8	FB900-1 5/8	E-1 5/8	—	—
1 11/16	FB900-1 11/16	E-1 11/16	*F-427	*ZB-111
1 3/4	FB900-1 3/4	*E-1 3/4	*F-428	*ZB-112
1 7/8	FB900-1 7/8	E-1 7/8	—	—
1 15/16	FB900-1 15/16	E-1 15/16	*F-431	*ZB-115
2	FB900-2	E-2	*F-432	*ZB-200
2 1/8	—	—	—	—
2 3/16	FB900-2 3/16	E-2 3/16	*F-435	*ZB-203
2 1/4	FB900-2 1/4	E-2 1/4	—	*ZB-204
2 7/16	FB900-2 7/16	E-2 7/16	*F-439	*ZB-207
2 1/2	FB900-2 1/2	E-2 1/2	*F-440	*ZB-208
2 11/16	FB900-2 11/16	E-2 11/16	*F-443	*ZB-211
2 3/4	FB900-2 3/4	E-2 3/4	—	*ZB-212
2 15/16	FB900-2 15/16	E-2 15/16	*F-447	*ZB-215
3	FB900-3	*E-3	*F-448	*ZB-300
3 3/16	FB900-3 3/16	*E-3 3/16	—	*ZB-303
3 7/16	FB900-3 7/16	E-3 7/16	*F-455	*ZB-307
3 1/2	FB900-3 1/2	E-3 1/2	*F-456	*ZB-308
3 15/16	FB900-3 15/16	E-3 15/16	*F-463	*ZB-315
4	FB900-4	E-4	*F-464	*ZB-400

Table No. 3 Flange Cartridges

Shaft Size	Browning Block	Comparative Blocks		
		Dodge	Linkbelt	Shafer
1	FC900-1	—	FC416	ZBR-100
1 3/16	FC900-1 3/16	E-1 3/16	FC419	ZBR-103
1 1/4	FC900-1 1/4	E-1 1/4	FC420	ZBR-104
1 3/8	FC900-1 3/8	*E-1 3/8	—	—
1 7/16	FC900-1 7/16	E-1 7/16	FC423	ZBR-107
1 1/2	FC900-1 1/2	*E-1 1/2	FC424	ZBR-108
1 5/8	FC900-1 5/8	E-1 5/8	—	—
1 11/16	FC900-1 11/16	E-1 11/16	FC427	ZBR-111
1 3/4	FC900-1 3/4	*E-1 3/4	FC428	ZBR-112
1 7/8	FC900-1 7/8	E-1 7/8	—	—
1 15/16	FC900-1 15/16	E-1 15/16	FC431	ZBR-115
2	FC900-2	E-2	FC432	ZBR-200
2 1/8	FC900-2 1/8	—	—	—
2 3/16	FC900-2 3/16	E-2 3/16	FC435	ZBR-203
2 1/4	FC900-2 1/4	E-2 1/4	—	*ZBR-204
2 7/16	FC900-2 7/16	E-2 7/16	FC439	ZBR-207
2 1/2	FC900-2 1/2	E-2 1/2	FC440	ZBR-208
2 11/16	FC900-2 11/16	E-2 11/16	FC443	ZBR-211
2 3/4	FC900-2 3/4	E-2 3/4	FC444	ZBR-212
2 15/16	FC900-2 15/16	E-2 15/16	FC447	ZBR-215

CENTRAP® SEALS

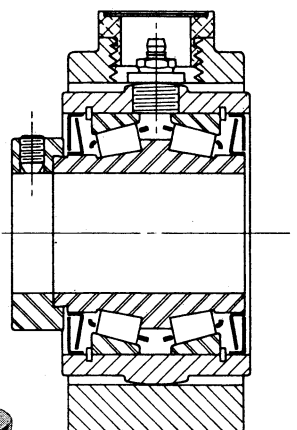
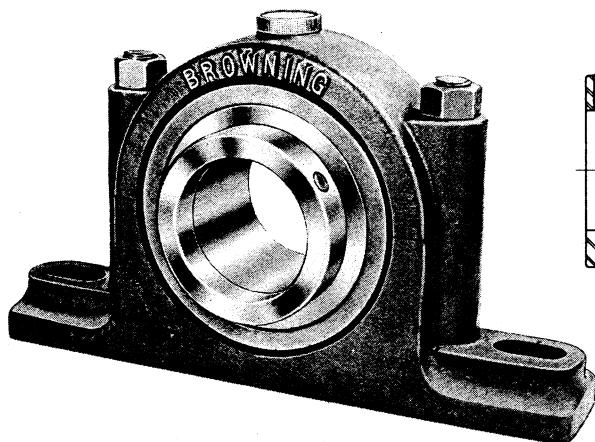
Browning gives you an exclusive feature in Roller Bearing Units. It is CENTRAP, a unique seal that utilizes lubricant to trap out the dirt and centrifugal force to retain the right amount of lubricant... yet always permits drainage of excess lubricant. They cannot be blown by excess lubricant.

NOTE—These charts are comparison charts only and do not mean that our bearing unit is interchangeable in all dimensions with competitive units. In MOST cases they are dimensionally interchangeable but in ALL cases should be checked.

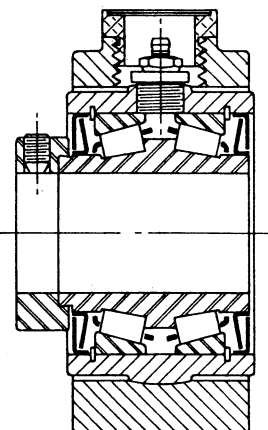
*These sizes are not dimensionally interchangeable.

Browning Tapered Roller Bearing Units

PB950 PILLOW BLOCKS



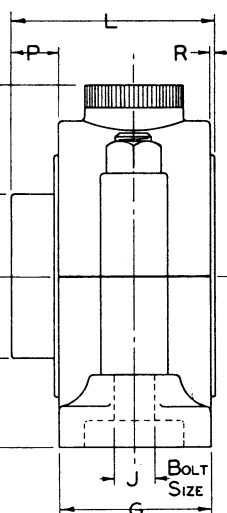
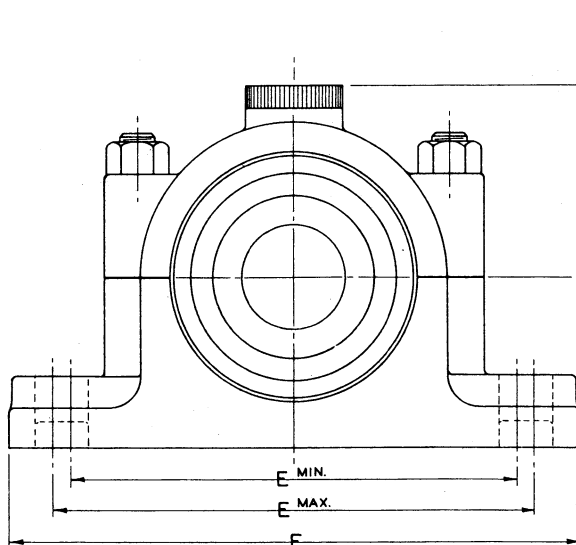
EXPANSION



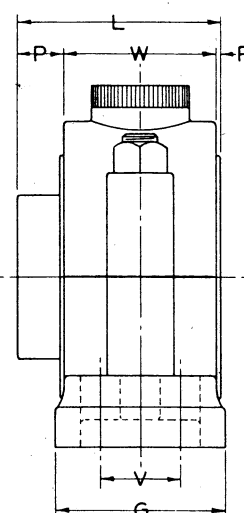
NON-EXPANSION

- MALLEABLE HOUSINGS
- TIMKEN TAPERED ROLLER BEARINGS
- EXPANSION AND NON-EXPANSION
- SELF-ALIGNING CARTRIDGES

- ECCENTRIC LOCKING COLLARS
- CENTRAP® GREASE SEALS
- ELONGATED BOLT HOLES



TWO HOLE
1 1/16" TO 3 1/2" BORE



FOUR HOLE
3 1/16" TO 5" BORES

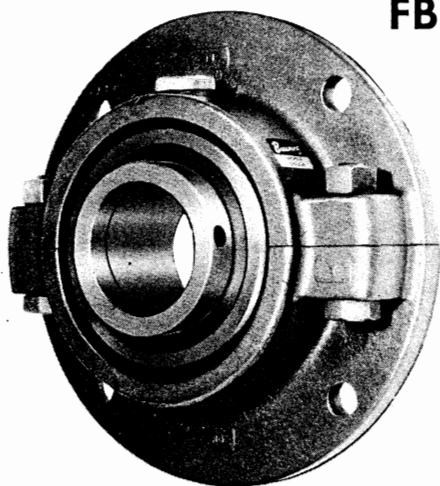
Table No. 1

Specifications

Stock Bores		A	B	C	E		F	G	H	J	L	P	R	V	W	Wt. Lbs.
Basic	Other				Min.	Max.										
1 7/16"	1 1/2"	2 3/8"	5 1/32"	2 9/32"	6 5/16"	6 11/16"	8"	2 1/8"	1 1/32"	1/2"	2 7/8"	1 1/16"	1 1/16"	—	—	11.0
1 11/16"	1 5/8, 1 3/4	2 7/8"	5 1/32"	2 1/2"	7 1/16"	7 11/16"	9"	2 1/4"	1 1/32"	1/2"	2 15/16"	5/8"	1 1/16"	—	—	13.5
1 15/16"	1 7/8, 2, 2 1/8	2 7/8"	6 1/16"	2 15/16"	7 7/8"	8 1/2"	10"	2 7/8"	1 1/32"	5/8"	3 5/32"	3/4"	1 1/32"	—	—	18.4
2 1/16"	—	3"	6 13/32"	3 1/32"	8 1/2"	9 1/4"	10 7/8"	2 1/2"	1 1/32"	5/8"	3 7/32"	23/32"	0	—	—	21.7
2 1/16"	2 1/4, 2 1/2	3 3/4"	6 25/32"	3 7/16"	9 1/16"	10 5/16"	12"	2 1/2"	1 1/32"	5/8"	3 21/64"	51/64"	1 1/32"	—	—	26.0
2 15/16"	—	3 3/4"	7 21/32"	3 31/32"	10 3/16"	11 9/16"	13 3/8"	2 5/8"	1 13/32"	3/4"	3 15/32"	27/32"	0	—	—	33.4
3 3/16"	2 11/16, 2 3/4	3 3/4"	7 29/32"	4 1/4"	10 11/16"	12 1/16"	13 7/8"	3 7/8"	1 13/32"	3/4"	3 31/32"	27/32"	0	—	—	41.7
3 7/16"	—	4 1/2"	9 5/32"	4 11/16"	12 1/2"	13 7/8"	16"	3 7/8"	1 29/32"	7/8"	4 5/64"	61/64"	0	—	—	57.0
3 9/16"	3 1/2	5"	10 1/32"	5 1/4"	13 3/8"	14 13/16"	16 3/4"	4 7/8"	2 1/32"	3/4"	4 29/32"	1 1/32"	0	2"	3 7/8"	83.5
4 7/16"	4 1/2	5 3/4"	11 3/32"	6 1/8"	14 7/16"	16 5/16"	18 1/4"	4 7/8"	2 1/4"	3/4"	5 1/4"	1 1/8"	0	2 1/4"	4 7/8"	110.0
4 15/16"	5	6 1/4"	11 31/32"	6 3/8"	16 1/8"	18 1/8"	20 7/8"	4 7/8"	2 1/2"	7/8"	5 13/32"	1 7/32"	0	2 1/2"	4 3/4"	141.0

Expansion Pillow Block Part Numbers are "PB950E" and bore size; Example, "PB950E—2 7/16".
Non-Expansion Pillow Block Part Numbers are "PB950NE" and bore size; Example, "PB950NE—2 7/16".
For Load Ratings, see page 461.

Browning Tapered Roller Bearing Units



FB950 FLANGE BLOCKS

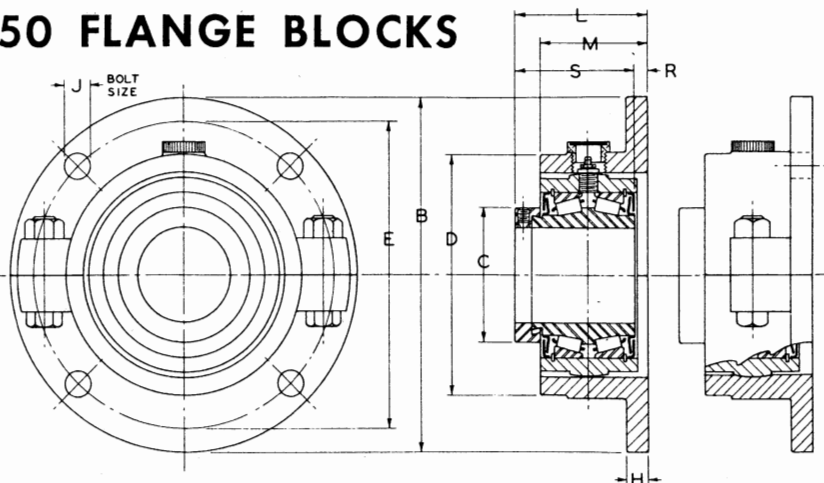


Table No. 1

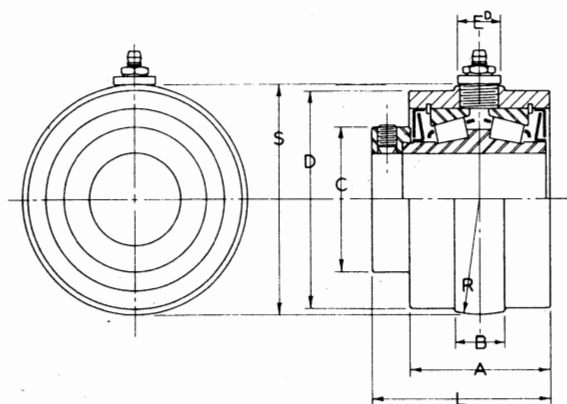
Specifications

EXPANSION NON-EXPANSION

STOCK BORES		DIMENSIONS										Wt. Lbs.
Basic	Other	B	C	D	E	H	J	L	M	R	S	
17/16"	1 1/2"	7 1/2"	29/32"	45/16"	6 1/4"	1/2"	1/2"	3"	25/16"	3/16"	2 13/16"	13.3
1 11/16	1 5/8, 1 3/4	8	2 1/2	4 3/8	6 3/4	1/2	1/2	3 1/16	27/16	1/4	2 13/16	16.1
1 15/16	1 7/8, 2, 2 1/8	8 7/8	2 15/16	5 1/2	7 1/2	9/16	5/8	3 5/16	29/16	1/4	3 1/16	20.8
2 3/16		9 3/8	3 11/32	6	8	9/16	5/8	3 13/32	2 11/16	9/32	3 3/8	25.1
2 7/16	2 1/4, 2 1/2	9 7/8	3 7/16	6 5/16	8 1/2	5/8	5/8	3 17/32	2 3/4	9/32	3 1/4	29.4
2 15/16	2 11/16, 2 3/4	11 1/4	3 31/32	7 1/8	9 3/4	11/16	3/4	3 25/32	2 15/16	13/32	3 3/8	38.2
3 3/16	3	11 1/4	4 1/4	7 5/8	9 3/4	11/16	3/4	4 9/32	3 7/16	13/32	3 3/8	45.8
3 7/16	3 1/2	13 1/4	4 11/16	8 3/8	11 1/2	1 1/16	7/8	4 3/8	3 7/16	3/8	4	61.0
3 15/16	4	15	5 1/4	9 3/8	13	1 3/16	1	5 9/32	4 1/4	17/32	4 3/4	98.0
4 7/16	4 1/2	17	6 1/8	10 5/8	15	1	1	5 5/8	4 1/2	7/16	5 3/16	134.0
4 15/16	5	18 1/8	6 5/8	11 3/8	16	1 1/8	1 1/8	5 27/32	4 5/8	15/32	5 5/8	157.0

Expansion Flange Block Part Numbers are "FB950E" and Bore Size, for Example—FB950E x 1 1/4".
Non-Expansion Flange Block Part Numbers are "FB950NE" and Bore Size, for Example—FB950NE x 1 1/4".
For Load Ratings, see page 461.

C950 REPLACEMENT CARTRIDGES



TIMKEN
ROLLER BEARING

CENTRAP®
GREASE SEALS

ECCENTRIC
LOCKING COLLARS

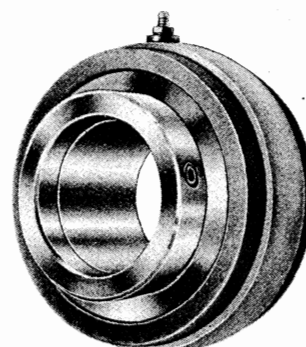


Table No. 2

Specifications

STOCK BORES		A	B	C	D	E	L	R	S	Wt. Lbs.
Basic	Other									
17/16"	1 1/2"	2 1/4"	3/4"	29/32"	3 3/8"	1 1/16"	2 7/8"	1.7815"	3.5630"	4.2
1 11/16	1 5/8, 1 3/4	2 3/8	3/4	2 1/2	3 3/8	1 1/16	2 15/16	1.9065	3.8130	4.8
1 15/16	1 7/8, 2, 2 1/8	2 7/8	1	2 5/8	4 1/8	1 1/16	3 5/32	2.3127	4.6255	7.5
2 3/16		2 11/16	1	3 1/16	4 7/8	1 1/16	3 7/32	2.5315	5.0630	19.4
2 7/16	2 1/4, 2 1/2	2 15/16	1	3 7/16	5 3/32	1 1/16	3 21/64	2.6565	5.3130	10.8
2 15/16	2 11/16, 2 3/4	2 5/8	1 1/4	3 31/32	5 5/8	1 1/16	3 15/32	2.9695	5.9380	13.6
3 3/16	3	3 3/8	1 1/4	4 1/4	6 1/8	1 1/16	3 31/32	3.2190	6.4380	18.3
3 7/16	3 1/2	3 7/8	1 3/4	4 11/16	6 7/8	1 1/16	4 5/64	3.5942	7.1885	22.8
3 15/16	4	3 7/8	1 7/8	5 1/4	7 1/8	1 1/16	4 29/32	3.9067	7.8135	32.8
4 7/16	4 1/2	4 3/8	1 5/8	6 1/8	8 1/2	1 1/16	5 1/4	4.4372	8.8745	47.0
4 15/16	5	4 3/4	1 3/4	6 5/8	9	1 1/16	5 15/32	4.6872	9.3745	51.0

Replacement Cartridge Part Numbers are "C950" and bore size: Example, "C950—2 1/4".
Browning C950 Replacement Cartridges fit both Expansion and Non-Expansion Pillow Blocks and Flange Blocks. They can also be used in customer's own mounting. They can be used in a straight cylindrical bore, for lineal shaft expansion, or in a spherical groove as an anchor bearing.

LUBRICATION INSTRUCTIONS

"150", "220", "250" and "350" Ball Bearing Units

Browning "150", "220", "250" and "350" Ball Bearing Units are factory lubricated and ready to use. For normal operation, there is no need to relubricate bearings at all. For wet or dirty applications, the following table is a general guide for relubrication. Experience will determine the best interval for each specific application.

LUBRICATION GUIDE

Conditions	Grease Intervals
Dusty	1 to 4 weeks
Moisture	Daily—1 week

When lubricating bearings, add grease slowly while shaft is rotating. When grease begins to come out the seals, the bearing will contain the correct amount of lubricant. For general use, relubricate with one of the following greases or equivalent:

Alvania #2
Texaco Multifak #2
Humble Lidok 2
Sinclair Litholine Multi-Purpose
Sun Prestige #41

For unusual applications, contact the BROWNING Engineering Department.

"900" and "950" Tapered Roller Bearing Units

Browning "900" and "950" Tapered Roller Bearing Units are factory lubricated with a high quality lithium base grease. The bearing is ready to run with no additional lubrication. Relubrication intervals depend upon the type of application, speed and other external conditions; however, for general use, suggested intervals are shown in the following table. Experience will determine the best interval for each specific application.

LUBRICATION GUIDE

Conditions	Grease Intervals
Clean	1-6 months
Dirty	1-4 weeks
Extreme Moisture	Daily to 1 week

When lubricating bearings, add grease slowly while the shaft is rotating. When grease begins to come out the seals, the bearing will contain the correct amount of grease. For general use, relubricate with one of the following greases or equivalent:

Shell Alvania #2
Socony-Mobile Mobilux #2
Texaco Multifak #2
Pure HT #2 E.P.
Sinclair Litholene #2
Sun Prestige #41
Fiske's #5433 Lubricant #2 Grade

For unusual applications, contact the BROWNING Engineering Department.

LINEAL SHAFT EXPANSION

Lineal expansion per inch of steel shafting is equal to .0000063 x length in inches x temperature increase in degrees Fahrenheit. In most applications where two or more bearings are to be used on the same shaft, one bearing should be non-expansion type to anchor the shaft and the other bearings of the expansion type. In case of long shafts where more than two bearings are used the anchor bearing should be located near the center of the shaft in order to take

full advantage of the expansion bearings. On many short shaft applications two non-expansion bearings may be used without trouble particularly if the temperature change is not great or if the bearings are mounted on the same support and that support is made of material with expansion properties the same as the shafting. Browning PB950 and FB950 expansion type bearings will take $\frac{5}{16}$ " of shaft expansion.

SELECTION OF TAPERED ROLLER BEARING UNIT SIZE

Choose the minimum life desired and select a Bearing Unit from the table on page 461 having a radial load rating equal to or greater than the actual load at a specified speed and having a minimum life as high or higher than the one chosen. For Heavy Service, such as severe vibration, add up to 50% (according to the severity of conditions) to

the actual load to obtain an EQUIVALENT LOAD. Then select a Bearing Unit for this EQUIVALENT LOAD instead of the actual load. Because the allowable loads, especially at low speeds, are so extremely high, be sure the shaft strength is adequate. Consult the Browning Engineers for greater speeds or longer life than those indicated on page 461.

NOTE — Ratings for "900" and "950" Bearings have been increased as much as 21%. This is important because a load rating increase of this size nearly doubles the calculated bearing life, allowing design selection of proportionately smaller bearings or up-rating present equipment.

Browning Tapered Roller Bearing Units

LOAD RATINGS FOR "900" AND "950" BEARINGS EFFECTIVE DECEMBER 5, 1967

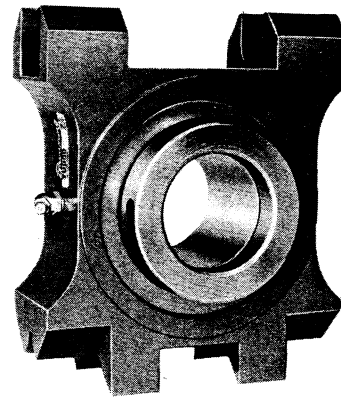
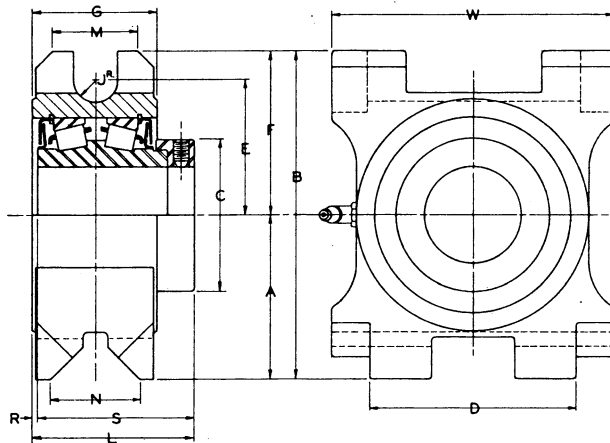
Table No. 1

Bore Size	K ★★ Factor	Min. ★ Hours Life	Radial Load Ratings at Various Revolutions Per Minute															
			10	25	50	75	100	150	250	500	750	1000	1250	1500	1750	2000	2500	3000
1"	.370	500	16607	12614	10249	9075	8325	7369	6322	5136	4544	4168	3902	3691	3527	3388	3170	3001
		1500	11955	9075	7375	6528	5990	5306	4556	3697	3273	3001	2813	2656	2541	2438	2281	2154
		3000	9704	7369	5990	5300	4864	4308	3697	3001	2656	2438	2281	2154	2063	1984	1851	1748
		15000	5983	4550	3691	3273	3001	2656	2275	1851	1634	1500	1410	1331	1271	1222	1137	1083
		20000	5493	4175	3394	3001	2759	2438	2093	1700	1500	1379	1295	1222	1168	1119	1053	992
30000	4852	3684	2995	2650	2432	2148	1851	1500	1325	1222	1137	1077	1035	986	926	871		
1 1/16	.342	500	22965	17439	14169	12546	11509	10191	8743	7102	6282	5766	5397	5104	4876	4688	4377	4143
		1500	16519	12546	10191	9024	8286	7331	6288	5110	4524	4149	3885	3674	3510	3375	3153	2983
		3000	13414	10185	8274	7331	6721	5954	5110	4149	3674	3364	3153	2983	2848	2737	2555	2420
		15000	8274	6288	5104	4524	4155	3674	3153	2561	2268	2074	1946	1840	1758	1688	1576	1494
		20000	7595	5766	4688	4155	3809	3370	2895	2350	2074	1905	1787	1688	1612	1547	1447	1371
30000	6727	5104	4149	3674	3370	2983	2561	2080	1840	1688	1576	1494	1424	1371	1283	1213		
1 1/2	.358	500	26576	20188	16400	14520	13320	11798	10117	8220	7278	6675	6247	5908	5650	5422	5070	4801
		1500	19117	14526	11798	10451	9585	8484	7278	5914	5229	4801	4491	4251	4058	3899	3648	3449
		3000	15522	11792	9579	8484	7781	6891	5914	4801	4251	3894	3648	3454	3296	3168	2963	2799
		15000	9573	7278	5908	5234	4801	4251	3642	2963	2617	2401	2254	2125	2032	1956	1827	1733
		20000	8783	6675	5416	4801	4403	3894	3343	2717	2401	2207	2067	1956	1868	1792	1675	1587
30000	7781	5910	4801	4251	3899	3454	2963	2406	2131	1956	1827	1733	1651	1587	1487	1405		
1 5/8	.382	500	27658	21012	17064	15114	13870	12276	10530	8556	7574	6950	6500	6150	5875	5647	5279	4999
		1500	19903	15114	12282	10874	9981	8830	7574	6155	5449	4993	4678	4421	4228	4059	3796	3597
		3000	16159	12276	9975	8836	8106	7172	6155	4999	4427	4059	3802	3592	3434	3300	3084	2920
		15000	9969	7574	6155	5449	4993	4421	3796	3084	2727	2505	2342	2213	2120	2032	1904	1799
		20000	9140	6944	5641	4993	4584	4059	3475	2827	2505	2295	2143	2032	1939	1863	1740	1647
30000	8100	6155	4999	4427	4065	3597	3084	2505	2219	2032	1904	1805	1723	1653	1548	1466		
1 7/8	.318	500	37920	28801	23400	20722	19014	16827	14435	11728	10381	9519	8913	8428	8057	7737	7235	—
		1500	27265	20716	16822	14897	13670	12099	10381	8434	7463	6846	6412	6064	5790	5562	5202	—
		3000	22155	16827	13670	12111	11106	9833	8434	6852	6064	5567	5208	4928	4711	4522	4231	—
		15000	13664	10381	8434	7469	6852	6064	5201	4225	3740	3432	3215	3038	2906	2786	2609	—
		20000	12545	9524	7737	6852	6287	5562	4774	3877	3432	3152	2946	2786	2667	2558	2392	—
30000	11095	8428	6846	6064	5562	4928	4225	3432	3038	2786	2609	2467	2358	2267	2118	—		
2 1/8	.347	500	40934	31096	25258	22373	20524	18168	15585	12660	11204	10282	9622	9104	8700	8359	7812	—
		1500	29434	22362	18162	16091	14760	13064	11209	9104	8057	7397	6919	6549	6259	6009	5616	—
		3000	23915	18168	14760	13070	11989	10618	9104	7397	6549	6009	5622	5320	5081	4882	4563	—
		15000	14754	11209	9104	8063	7397	6549	5622	4563	4040	3704	3471	3283	3135	3010	2817	—
		20000	13519	10270	8342	7391	6782	6003	5149	4182	3704	3397	3181	3010	2873	2760	2583	—
30000	11977	9098	7391	6549	6003	5314	4563	3704	3277	3010	2817	2663	2543	2447	2287	—		
2 1/4	.362	500	42347	32172	26133	23143	21236	18796	16123	13098	11594	10635	9954	9421	9001	8643	—	—
		1500	30441	23126	18784	16633	15260	13512	11588	9415	8331	7644	7156	6770	6470	6214	—	—
		3000	24732	18790	15260	13518	12400	10975	9415	7650	6770	6214	5817	5499	5255	5051	—	—
		15000	15266	11594	9421	8342	7656	6776	5811	4722	4177	3836	3587	3394	3246	3116	—	—
		20000	14000	10635	8637	7650	7020	6214	5329	4330	3831	3519	3292	3116	2974	2860	—	—
30000	12383	9409	7644	6770	6208	5499	4716	3831	3388	3110	2911	2752	2633	2531	—	—		
2 3/4	.404	500	44827	34054	27664	24503	22479	19900	17067	13866	12271	11259	10541	9970	9529	—	—	—
		1500	32234	24486	19889	17615	16162	14307	12271	9970	8822	8098	7578	7171	6848	—	—	—
		3000	26183	19889	16156	14307	13125	11621	9970	8098	7165	6577	6153	5825	5565	—	—	—
		15000	16162	12277	9975	8833	8104	7176	6153	4999	4422	4060	3800	3597	3433	—	—	—
		20000	14827	11265	9150	8104	7436	6582	5644	4586	4060	3721	3483	3297	3150	—	—	—
30000	13125	9970	8098	7176	6582	5825	4999	4060	3591	3297	3088	2918	2788	—	—	—		
3	.400	500	69232	52590	42717	37836	34709	30727	26361	21413	18951	17387	16274	15396	14711	—	—	—
		1500	49760	37803	30705	27195	24951	22088	18945	15391	13619	12495	11694	11069	10575	—	—	—
		3000	40430	30716	24951	22099	20273	17947	15396	12506	11069	10153	9506	8990	8590	—	—	—
		15000	24951	18956	15396	13636	12511	11074	9500	7717	6829	6264	5863	5551	5304	—	—	—
		20000	22878	17376	14118	12500	11469	10153	8710	7076	6264	5743	5375	5090	4860	—	—	—
30000	20251	15385	12495	11069	10153	8990	7712	6264	5545	5085	4761	4503	4306	—	—	—		
3 1/2	.441	500	75273	57185	46452	41143	37743	33412	28663	23283	20607	18904	17696	16739	—	—	—	—
		1500	54166	41126	33407	29588	27140	24028	20612	16744	14819	13595	12724	12039	—	—	—	—
		3000	43972	33402	27135	24034	22048	19519	16744	13600	12039	11043	10336	9781	—	—	—	—
		15000	27118	20601	16733	14824	13600	12039	10325	8388	7426	6811	6376	6033	—	—	—	—
		20000	24888	18904	15357	13600	12479	11049	9476	7698	6811	6251	5848	5532	—	—	—	—
30000	22021	16728	13589	12033	11038	9776	8383	6811	6028	5532	5179	4896	—	—	—	—		
3 5/8	.362	500	98525	74848	60800	53851	49401	43732	37518	30475	26972	24745	23162	—	—	—	—	—
		1500	70845	53820	43717	38720	35519	31443	26978	21913	19394	17796	16656	—	—	—	—	—
		3000	57552	43722	35514	31454	28857	25546	21913	17801	15756	14454	13486	—	—	—	—	—
		15000	35509	26972	21908	19404	17801	15761	13523	10983	9718	8916	8349	—	—	—	—	—
		20000	32578	24750	20102	17806	16333	14459	12404	10077	8916	8182	7657	—	—	—	—	—
30000	28825	21897	17785	15756	14454	12794	10977	8916	7891	7240	6777	—	—	—	—	—		
4	.274	500	136151	103428	84014	74415	68265	60429	51839	42112	37269	34195	32006	—	—	—	—	—
		1500	97893	74364	60408	53505	49082	43450	37274	30279	26799	24585	23011	—	—	—	—	—
		3000	79530	60419	49077	43470	39878	35301	30284	24600	21771	19988	18696	—	—	—	—	—
		15000	49062	37269	30273	26814	24600	21776	18681	15175	13428	12321	11531	—	—	—	—	—
		20000	45003	34184	27677	2459												

Browning

Tapered Roller Bearing Units

TAKE-UP UNITS AND FRAMES



MALLEABLE HOUSINGS • CENTRAP® GREASE SEALS • ECCENTRIC LOCKING COLLARS

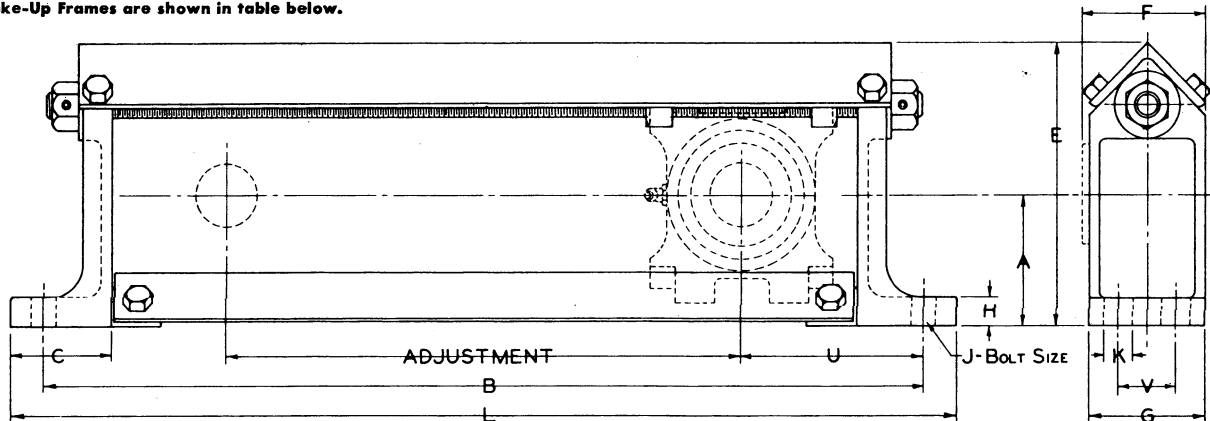
Table No. 1

TU900 TAKE-UP UNITS—Specifications

STOCK BORES		Use With Frame No. ★	DIMENSIONS														Approx. Wt.-Lbs.
Basic	Other		A	B	C	D	E	F	G	J	L	M	N	R	S	W	
1 ¹⁵ / ₁₆	1 ⁷ / ₈ , 2	12-24T900D	3 ³ / ₁₆ "	6 ³ / ₈ "	2 ¹⁵ / ₁₆ "	4"	2 ⁵ / ₈ "	3 ³ / ₁₆ "	2 ⁷ / ₁₆ "	7 ¹ / ₁₆ "	3 ⁵ / ₃₂ "	1 ¹¹ / ₁₆ "	1 ³ / ₄ "	3 ¹ / ₃₂ "	3 ¹ / ₁₆ "	5 ¹ / ₂ "	13.9
2 ³ / ₁₆	—	12-24T900E	3 ⁷ / ₁₆ "	6 ¹⁵ / ₁₆ "	3 ¹ / ₃₂ "	4"	2 ¹⁵ / ₁₆ "	3 ¹ / ₂ "	2 ¹ / ₂ "	7 ¹ / ₁₆ "	3 ⁷ / ₃₂ "	1 ¹¹ / ₁₆ "	1 ⁷ / ₈ "	3 ¹ / ₃₂ "	3 ³ / ₈ "	6"	16.6
2 ¹ / ₁₆	2 ¹ / ₄ , 2 ¹ / ₂	12-24T900F	3 ³ / ₈ "	7 ⁹ / ₁₆ "	3 ⁷ / ₁₆ "	4 ⁵ / ₈ "	3 ³ / ₁₆ "	3 ¹⁵ / ₁₆ "	2 ⁹ / ₁₆ "	9 ¹ / ₁₆ "	3 ²¹ / ₆₄ "	1 ⁷ / ₈ "	1 ¹⁵ / ₁₆ "	5 ⁵ / ₆₄ "	3 ³ / ₄ "	6 ¹ / ₂ "	19.6
2 ¹⁵ / ₁₆	2 ¹ / ₁₆ , 2 ³ / ₄	12-24T900G	3 ¹ / ₂ "	8 ³ / ₁₆ "	3 ²¹ / ₃₂ "	4 ⁷ / ₈ "	3 ¹ / ₂ "	4 ¹ / ₄ "	2 ⁷ / ₈ "	9 ¹ / ₁₆ "	3 ¹ / ₃₂ "	1 ⁷ / ₈ "	2"	3 ³ / ₃₂ "	3 ⁷ / ₁₆ "	7"	24.0
3 ⁷ / ₁₆	3 ¹ / ₂	12-24T900J	4 ¹ / ₁₆ "	9 ⁷ / ₈ "	4 ¹ / ₁₆ "	5 ³ / ₄ "	4 ³ / ₈ "	5 ¹ / ₁₆ "	3 ³ / ₈ "	1 ¹ / ₁₆ "	4 ⁵ / ₁₆ "	2 ¹ / ₄ "	2 ¹ / ₂ "	3 ⁵ / ₁₆ "	4"	8 ¹ / ₂ "	41.8
3 ¹⁵ / ₁₆	4	12-24T900K	5 ¹ / ₁₆ "	10 ⁷ / ₈ "	5 ³ / ₈ "	5 ³ / ₄ "	4 ³ / ₈ "	5 ¹ / ₁₆ "	3 ⁷ / ₈ "	1 ¹ / ₁₆ "	4 ² / ₃₂ "	2 ¹ / ₄ "	3 ¹ / ₁₆ "	3 ⁵ / ₁₆ "	4 ³ / ₄ "	9 ¹ / ₄ "	61.0

Part Numbers are specified by "TU900" and bore size. Example: "TU900—1¹/₈". For Load Ratings, See Page 461.

★Take-Up Frames are shown in table below.



STEEL FRAMES • MALLEABLE ENDS • CADMIUM PLATED ADJUSTING SCREWS

Table No. 2

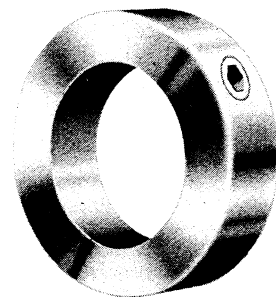
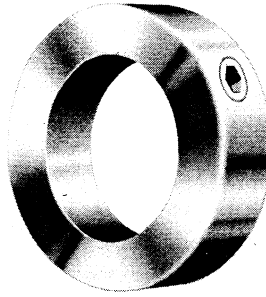
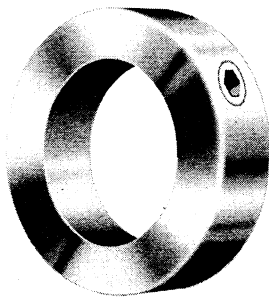
T900 TAKE-UP FRAMES—Specifications

Part No.	Bore Range	ADJUSTMENT		DIMENSIONS												Approx. Wt.-Lbs.
		Nominal	Actual	A	B	C	E	F	G	H	J	K	L	U	V	
12T900D	1 ⁷ / ₈ —2	12	15 ¹ / ₂	3 ¹⁵ / ₁₆ "	26 ¹ / ₂ "	2 ¹⁵ / ₁₆ "	8 ³ / ₈ "	3 ¹¹ / ₁₆ "	3 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	28 ¹ / ₂ "	5 ¹ / ₂ "	—	31.5
18T900D	1 ⁷ / ₈ —2	18	21 ¹ / ₂	3 ¹⁵ / ₁₆ "	32 ¹ / ₂ "	2 ¹⁵ / ₁₆ "	8 ³ / ₈ "	3 ¹¹ / ₁₆ "	3 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	34 ¹ / ₂ "	5 ¹ / ₂ "	—	37.2
24T900D	1 ⁷ / ₈ —2	24	27 ¹ / ₂	3 ¹⁵ / ₁₆ "	38 ¹ / ₂ "	2 ¹⁵ / ₁₆ "	8 ³ / ₈ "	3 ¹¹ / ₁₆ "	3 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	40 ¹ / ₂ "	5 ¹ / ₂ "	—	41.7
12T900E	2 ³ / ₁₆	12	16 ¹ / ₂	4 ³ / ₁₆ "	27 ¹ / ₂ "	3 ¹¹ / ₃₂ "	8 ¹⁵ / ₁₆ "	3 ²³ / ₃₂ "	3 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	29 ¹ / ₂ "	5 ¹ / ₂ "	—	32.8
18T900E	2 ³ / ₁₆	18	22 ¹ / ₂	4 ³ / ₁₆ "	33 ¹ / ₂ "	3 ¹¹ / ₃₂ "	8 ¹⁵ / ₁₆ "	3 ²³ / ₃₂ "	3 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	35 ¹ / ₂ "	5 ¹ / ₂ "	—	38.6
24T900E	2 ³ / ₁₆	24	28 ¹ / ₂	4 ³ / ₁₆ "	39 ¹ / ₂ "	3 ¹¹ / ₃₂ "	8 ¹⁵ / ₁₆ "	3 ²³ / ₃₂ "	3 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	41 ¹ / ₂ "	5 ¹ / ₂ "	—	44.6
12T900F	2 ¹ / ₄ —2 ¹ / ₂	12	16	4 ³ / ₈ "	28 ¹ / ₂ "	3 ⁷ / ₁₆ "	9 ²¹ / ₃₂ "	4 ³ / ₆₄ "	4"	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1 ⁵ / ₁₆ "	30 ¹ / ₂ "	6 ¹ / ₄ "	—	43.8
18T900F	2 ¹ / ₄ —2 ¹ / ₂	18	22	4 ³ / ₈ "	34 ¹ / ₂ "	3 ⁷ / ₁₆ "	9 ²¹ / ₃₂ "	4 ³ / ₆₄ "	4"	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1 ⁵ / ₁₆ "	36 ¹ / ₂ "	6 ¹ / ₄ "	—	50.0
24T900F	2 ¹ / ₄ —2 ¹ / ₂	24	28	4 ³ / ₈ "	40 ¹ / ₂ "	3 ⁷ / ₁₆ "	9 ²¹ / ₃₂ "	4 ³ / ₆₄ "	4"	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1 ⁵ / ₁₆ "	42 ¹ / ₂ "	6 ¹ / ₄ "	—	55.0
12T900G	2 ¹ / ₁₆ —2 ¹⁵ / ₁₆	12	17 ¹ / ₂	5"	30 ¹ / ₂ "	3 ³¹ / ₃₂ "	10 ¹¹ / ₁₆ "	4 ¹ / ₂ "	4 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	32 ¹ / ₂ "	6 ¹ / ₂ "	2	56.5
18T900G	2 ¹ / ₁₆ —2 ¹⁵ / ₁₆	18	23 ¹ / ₂	5"	36 ¹ / ₂ "	3 ³¹ / ₃₂ "	10 ¹¹ / ₁₆ "	4 ¹ / ₂ "	4 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	38 ¹ / ₂ "	6 ¹ / ₂ "	2	63.5
24T900G	2 ¹ / ₁₆ —2 ¹⁵ / ₁₆	24	29 ¹ / ₂	5"	42 ¹ / ₂ "	3 ³¹ / ₃₂ "	10 ¹¹ / ₁₆ "	4 ¹ / ₂ "	4 ¹ / ₂ "	7 ⁵ / ₈ "	5 ⁵ / ₈ "	1"	44 ¹ / ₂ "	6 ¹ / ₂ "	2	72.5
12T900J	3 ⁷ / ₁₆ —3 ¹ / ₂	12	17 ⁵ / ₈	5 ¹ / ₂ "	32"	4"	12 ⁷ / ₃₂ "	4 ⁴ / ₆₄ "	4 ¹ / ₂ "	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1"	34 ¹ / ₄ "	7 ¹ / ₈ "	2	72.0
18T900J	3 ⁷ / ₁₆ —3 ¹ / ₂	18	23 ⁵ / ₈	5 ¹ / ₂ "	38"	4"	12 ⁷ / ₃₂ "	4 ⁴ / ₆₄ "	4 ¹ / ₂ "	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1"	40 ¹ / ₄ "	7 ¹ / ₈ "	2	78.0
24T900J	3 ⁷ / ₁₆ —3 ¹ / ₂	24	29 ⁵ / ₈	5 ¹ / ₂ "	44"	4"	12 ⁷ / ₃₂ "	4 ⁴ / ₆₄ "	4 ¹ / ₂ "	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1"	46 ¹ / ₄ "	7 ¹ / ₈ "	2	85.0
12T900K	3 ¹⁵ / ₁₆ —4	12	20 ¹ / ₄	7"	36"	4 ¹ / ₂ "	14 ¹ / ₁₆ "	5 ²³ / ₃₂ "	5 ¹ / ₂ "	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1"	38 ¹ / ₂ "	7 ⁷ / ₈ "	2 ¹ / ₂ "	76.0
18T900K	3 ¹⁵ / ₁₆ —4	18	26 ¹ / ₄	7"	42"	4 ¹ / ₂ "	14 ¹ / ₁₆ "	5 ²³ / ₃₂ "	5 ¹ / ₂ "	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1"	44 ¹ / ₂ "	7 ⁷ / ₈ "	2 ¹ / ₂ "	85.0
24T900K	3 ¹⁵ / ₁₆ —4	24	32 ¹ / ₄	7"	48"	4 ¹ / ₂ "	14 ¹ / ₁₆ "	5 ²³ / ₃₂ "	5 ¹ / ₂ "	7 ⁵ / ₈ "	3 ⁴ / ₄ "	1"	50 ¹ / ₂ "	7 ⁷ / ₈ "	2 ¹ / ₂ "	94.0

These Take-Up Frames are used with Take-Up Units shown in table above.

Browning

Set Collars



Stock Sizes

Table No. 1

Part No.	Bore	O. D.	Width	Setscrew Size	Wt. Oz. Each	Std. Pkg.
SC- $\frac{3}{16}$	$\frac{3}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{4}$ "	No. 8 x $\frac{1}{8}$	$\frac{1}{4}$	50
SC- $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{9}{32}$	No. 10 x $\frac{1}{8}$	$\frac{1}{4}$	50
SC- $\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{8}$	$\frac{11}{32}$	No. 10 x $\frac{1}{8}$	$\frac{1}{2}$	50
SC- $\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{3}{8}$	$\frac{1}{4}$ x $\frac{3}{16}$	$\frac{1}{2}$	50
SC- $\frac{7}{16}$	$\frac{7}{16}$	$\frac{7}{8}$	$\frac{7}{16}$	$\frac{1}{4}$ x $\frac{1}{4}$	1	50
SC- $\frac{1}{2}$	$\frac{1}{2}$	1	$\frac{7}{16}$	$\frac{1}{4}$ x $\frac{1}{4}$	$1\frac{1}{4}$	50
SC- $\frac{9}{16}$	$\frac{9}{16}$	1	$\frac{7}{16}$	$\frac{1}{4}$ x $\frac{1}{4}$	$1\frac{1}{4}$	25
SC- $\frac{5}{8}$	$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{16}$ x $\frac{1}{4}$	$1\frac{1}{2}$	25
SC- $\frac{11}{16}$	$\frac{11}{16}$	$1\frac{1}{4}$	$\frac{9}{16}$	$\frac{5}{16}$ x $\frac{1}{4}$	$1\frac{1}{2}$	25
SC- $\frac{3}{4}$	$\frac{3}{4}$	$1\frac{1}{4}$	$\frac{9}{16}$	$\frac{5}{16}$ x $\frac{1}{4}$	$1\frac{1}{2}$	25
SC- $\frac{13}{16}$	$\frac{13}{16}$	$1\frac{5}{8}$	$\frac{9}{16}$	$\frac{5}{16}$ x $\frac{1}{4}$	$1\frac{1}{2}$	25
SC- $\frac{7}{8}$	$\frac{7}{8}$	$1\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{16}$ x $\frac{5}{16}$	2	25
SC- $\frac{15}{16}$	$\frac{15}{16}$	$1\frac{5}{8}$	$\frac{9}{16}$	$\frac{5}{16}$ x $\frac{5}{16}$	2	25
SC-1	1	$1\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{16}$ x $\frac{5}{16}$	3	25
SC- $1\frac{1}{16}$	$1\frac{1}{16}$	$1\frac{3}{4}$	$\frac{5}{8}$	$\frac{5}{16}$ x $\frac{5}{16}$	3	25
SC- $1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{3}{4}$	$\frac{5}{8}$	$\frac{5}{16}$ x $\frac{5}{16}$	3	25
SC- $1\frac{3}{16}$	$1\frac{3}{16}$	2	$\frac{11}{16}$	$\frac{3}{8}$ x $\frac{3}{8}$	5	25
SC- $1\frac{1}{4}$	$1\frac{1}{4}$	2	$\frac{11}{16}$	$\frac{3}{8}$ x $\frac{3}{8}$	5	25
SC- $1\frac{5}{16}$	$1\frac{5}{16}$	$2\frac{1}{8}$	$\frac{11}{16}$	$\frac{3}{8}$ x $\frac{3}{8}$	5	25
SC- $1\frac{3}{8}$	$1\frac{3}{8}$	$2\frac{1}{8}$	$\frac{3}{4}$	$\frac{3}{8}$ x $\frac{3}{8}$	6	25
SC- $1\frac{7}{16}$	$1\frac{7}{16}$	$2\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{8}$ x $\frac{3}{8}$	7	25
SC- $1\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{8}$ x $\frac{3}{8}$	6	25
SC- $1\frac{9}{16}$	$1\frac{9}{16}$	$2\frac{1}{2}$	$\frac{13}{16}$	$\frac{3}{8}$ x $\frac{3}{8}$	9	10
SC- $1\frac{5}{8}$	$1\frac{5}{8}$	$2\frac{1}{2}$	$\frac{13}{16}$	$\frac{3}{8}$ x $\frac{3}{8}$	8	10
SC- $1\frac{11}{16}$	$1\frac{11}{16}$	$2\frac{1}{2}$	$\frac{13}{16}$	$\frac{3}{8}$ x $\frac{3}{8}$	8	10
SC- $1\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$ x $\frac{1}{2}$	10	10
SC- $1\frac{13}{16}$	$1\frac{13}{16}$	$2\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$ x $\frac{1}{2}$	10	10
SC- $1\frac{7}{8}$	$1\frac{7}{8}$	$2\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$ x $\frac{1}{2}$	10	10
SC- $1\frac{15}{16}$	$1\frac{15}{16}$	3	$\frac{7}{8}$	$\frac{1}{2}$ x $\frac{1}{2}$	12	10
SC-2	2	3	$\frac{7}{8}$	$\frac{1}{2}$ x $\frac{1}{2}$	12	10
SC- $2\frac{1}{8}$	$2\frac{1}{8}$	3	$\frac{7}{8}$	$\frac{1}{2}$ x $\frac{1}{2}$	13	5
SC- $2\frac{3}{16}$	$2\frac{3}{16}$	$3\frac{1}{4}$	$\frac{15}{16}$	$\frac{1}{2}$ x $\frac{1}{2}$	18	5
SC- $2\frac{1}{4}$	$2\frac{1}{4}$	$3\frac{1}{4}$	$\frac{15}{16}$	$\frac{1}{2}$ x $\frac{1}{2}$	19	5
SC- $2\frac{5}{16}$	$2\frac{5}{16}$	$3\frac{1}{4}$	$\frac{15}{16}$	$\frac{1}{2}$ x $\frac{1}{2}$	17	5
SC- $2\frac{3}{8}$	$2\frac{3}{8}$	$3\frac{1}{4}$	$\frac{15}{16}$	$\frac{1}{2}$ x $\frac{1}{2}$	16	5
SC- $2\frac{7}{16}$	$2\frac{7}{16}$	$3\frac{1}{2}$	1	$\frac{1}{2}$ x $\frac{1}{2}$	21	5
SC- $2\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	1	$\frac{1}{2}$ x $\frac{1}{2}$	18	5
SC- $2\frac{9}{16}$	$2\frac{9}{16}$	$3\frac{3}{4}$	$1\frac{1}{8}$	$\frac{1}{2}$ x $\frac{9}{16}$	29	5
SC- $2\frac{11}{16}$	$2\frac{11}{16}$	4	$1\frac{1}{8}$	$\frac{1}{2}$ x $\frac{5}{8}$	34	5
SC- $2\frac{3}{4}$	$2\frac{3}{4}$	4	$1\frac{1}{8}$	$\frac{1}{2}$ x $\frac{5}{8}$	32	5
SC- $2\frac{15}{16}$	$2\frac{15}{16}$	$4\frac{1}{4}$	$1\frac{1}{8}$	$\frac{1}{2}$ x $\frac{5}{8}$	37	5
SC-3	3	$4\frac{1}{4}$	$1\frac{1}{8}$	$\frac{1}{2}$ x $\frac{5}{8}$	35	5

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