

Mounted Bearings

Replacement Bearings for Setscrew Locking Series

F



Mounted Bearings offer a simple, convenient method of providing load support. Selection for most applications may be readily accomplished from a single selection chart, based on shaft size, radial and thrust load requirements. Installation normally requires only bolting to a suitable mounting surface and securing bearing to shaft with setscrews or eccentric locking collar provided.

The Boston Gear Mounted Bearing line is one of the most comprehensive available to industry. Ranging from light duty, plain bearing blocks to precision units. They all feature Boston Gear's tradition of design excellence and precision manufacture.

Light Duty Series

PPB — Split cast iron housing with bore and mounting base machined.

SRP — PPB Series with a Bost-Bronz (oil impregnated) sleeve bearing.

PS — Stamped steel housing with pillow block, 2 bolt and 3 bolt flange configuration. Extended inner race, (2) setscrews locking to shaft. Prelubricated spherical O.D. bearing.

XL — Ductile iron housing with pillow block, 2 bolt and 3 bolt flange configuration. Extended inner race, (2) setscrews locking to shaft. Prelubricated spherical O.D. bearing.

Standard Duty Series

All Series — Solid one-piece cast iron housing of American manufacture with removable zerk-type threaded grease fitting. Precision machined base and spherical bore. Available in pillow block, 2 bolt and 4 bolt flanges.

H & L Series — Eccentric shaft lock of international manufacture.

S Series — Extended inner race with double setscrews for positive shaft locking.

Medium Duty Series

MB Series — Solid one-piece heavy duty cast iron housing with removable zerk-type threaded grease fitting. Available in pillow block 4 bolt flange and piloted flange with precision machined base, pilot diameter and spherical bore. Spherical O.D. bearing of international manufacture with extended inner race and double setscrews for positive shaft locking and smoothness of operation.

Replacement Bearings and Locking Collars for Eccentric Locking Collar Series



ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	INTERNATIONAL BEARINGS					
	Replacement Bearings		Locking Collars		Bearing and Carrier (A Series Only)	
	Catalog Number	Item Code	Catalog Number	Item Code	Catalog Number	Item Code
1/2	NX3008M	67374	NX3008LC	67373	3A-1/2 B&C	07030
5/8	NX3010M	67377	—	—	3A-5/8 B&C	07032
3/4	NX4012M	67380	NX4012LC	67379	4A-3/4 B&C	07014
7/8	NX5014M	67383	—	—	5A-7/8 B&C	07034
15/16	NX5015M	67386	NX5015LC	67385	5A-15/16 B&C	07036
1	NX5016M	67389	NX5016LC	67388	5A-1 B&C	07022
1-1/8	NX6018M	67392	—	—	6A-1-1/8 B&C	07038
1-3/16	NX6019M	67395	NX6019LC	67394	6A-1-3/16 B&C	07040
1-1/4S	NX6020M	67398	NX6020LC	67397	6A-1-1/4 B&C	07042
1-1/4	NX7104M	67401	—	—	—	—
1-5/16	NX7105M	67404	NX7105LC	67403	—	—
1-3/8	NX7106M	67407	NX7106LC	67406	—	—
1-7/16	NX7107M	67410	NX7107LC	67409	—	—
1-1/2	NX8108M	67413	NX8108LC	67412	—	—
1-5/8	NX9110M	67416	NX9110LC	67415	—	—
1-11/16	NX9111M	67419	NX9111LC	67418	—	—
1-3/4	NX9112M	67422	NX9112LC	67421	—	—
1-15/16	NX10115M	67425	NX10115LC	67424	—	—
2	NX11200M	67428	NX11200LC	67427	—	—
2-3/16	NX11203M	67431	NX11203LC	67430	—	—
2-1/4	NX11204M	67434	—	—	—	—
2-7/16	NX11207M	67437	NX11207LC	67436	—	—

(FOR USE WITH THE L, H, F, T AND A SERIES BEARINGS)

Mounted Bearings

Replacement Bearings for Setscrew Locking Series

F



PS & XL SERIES

Bore	Catalog Number	Item Code
1/2	NBG15-1/2	68880
5/8	NBG15-5/8	68881
3/4	NBG15-3/4	68882
7/8	NBG15-7/8	68883
15/16	NBG15-15/16	68884
1	NBG15-1	68885
1-1/16	NBG15-1-1/16	68886
1-1/8	NBG15-1-1/8	68887
1-3/16	NBG15-1-3/16	68888
1-1/4S	NBG15-1-1/4S	68889
1-3/8	NBG15-1-3/8	68891
1-7/16	NBG15-1-7/16	68892

(FOR USE WITH THE PS, PS2, PS3, XL, XL2 AND XL3 SERIES BEARINGS)

S SERIES

Bore	Catalog Number	Item Code
1/2	NBG25-1/2	68893
5/8	NBG25-5/8	68894
3/4	NBG25-3/4	68895
7/8	NBG25-7/8	68896
15/16	NBG25-15/16	68897
1	NBG25-1	68898
1-1/16	NBG25-1-1/16	68899
1-1/8	NBG25-1-1/8	68900
1-3/16	NBG25-1-3/16	68901
1-1/4S	NBG25-1-1/4S	68902
1-5/16	NBG25-1-5/16	68903
1-3/8	NBG25-1-3/8	68904
1-7/16	NBG25-1-7/16	68905
1-1/2	NBG25-1-1/2	68906
1-5/8	NBG25-1-5/8	68907
1-11/16	NBG25-1-11/16	68908
1-3/4	NBG25-1-3/4	68909
1-15/16	NBG25-1-15/16	68910
2	NBG25-2	68911
2-3/16	NBG25-2-3/16	68912
2-1/4	NBG25-2-1/4	68913
2-7/16	NBG25-2-7/16	68914

(FOR USE WITH THE SF, SH, SL AND ST SERIES BEARINGS)

MB SERIES

Bore	Catalog Number	Item Code
1-7/16	NBG35-1-7/16	68915
1-1/2	NBG35-1-1/2	68916
1-11/16	NBG35-1-11/16	68917
1-3/4	NBG35-1-3/4	68918
1-15/16	NBG35-1-15/16	68919
2	NBG35-2	68920
2-3/16	NBG35-2-3/16	68921
2-1/4	NBG35-2-1/4	68922
2-7/16	NBG35-2-7/16	68923
2-1/2	NBG35-2-1/2	68924
2-11/16	NBG35-2-11/16	68925
2-15/16	NBG25-2-15/16	68926
3	NBG35-3	68927
3-3/16	NBG35-3-3/16	68928
3-1/4	NBG35-3-1/4	68929
3-7/16	NBG35-3-7/16	68930
3-1/2	NBG35-3-1/2	68931

(FOR USE WITH THE MB, MBF AND MBP SERIES BEARINGS)

PPB Series SRP Series – With Bost-Bronz Bushings

Pillow Blocks – Light Duty Split Cast Iron

The bottom surface and the split surfaces are ground. Both end surfaces of the bore are finished perpendicular to the base. Bolt holes in the base are slotted except Cat. No. PPB4 which has drilled holes. PPB Series blocks have an oil hole drilled in center of cap.†

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	PPB SERIES		SRP SERIES			
	Catalog Number	Item Code	Pillow Blocks		Replacement Bearing	
			Catalog Number	Item Code	Catalog Number	Item Code
1/4	PPB4	34304	SRP4	34434	B46-2	34542
3/8	PPB6	34306	SRP6	34436	B68-3	34634
1/2	PPB8	34308	SRP8	34438	B812-4	34752
5/8	PPB10	34310	SRP10	34440	B1014-6	34852
3/4	PPB12	34312	SRP12	34442	B1216-6	34934
7/8	PPB14	34314	—	—	—	—
15/16	PPB15	34316	SRP15	34444	B1520-8	35042
1	PPB16	34318	SRP16	34446	B1620-8	35068
1-3/16	PPB19	34320	SRP19	34448	B1924-8	35172
1-1/4	PPB20	34322	SRP20	34450	B2024-8	35186
1-7/16	PPB23	34324	—	—	—	—
1-1/2	PPB24	34326	—	—	—	—

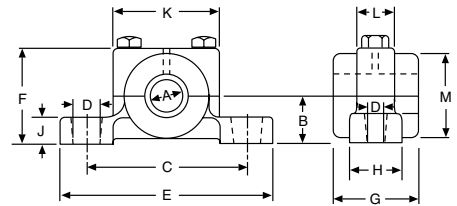
*Two required.

†The 1/4" size is made of brass and has no oil holes.



STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
PPB Series		
Bore	All	+.000 to -.001
SRP Series		
Bore	.252–1.003	+.000 to -.001
	1.1905–1.2530	+.000 to -.002



ALL DIMENSIONS IN INCHES

A (Bore)	B	C	D	E	F	G	H	J	K	L	M
PPB SERIES											
.2500	1/4	1-1/8	1/8	1-1/2	1/2	1/2	3/8	1/4	3/4	3/8	7/16
.3760 .5010	9/16	2-1/8	5/16x3/16	2-3/4	1-1/8	1	5/8	5/16	1-7/16	7/16	1
.6260 .7510	13/16	2-7/8	1/2x5/16	3-3/4	1-5/8	1-1/2	1	1/2	2	11/16	1-1/2
.8760 .9385 1.0010	1-1/8	3-3/4	5/8x3/8	5	2-1/4	2	1-1/4	5/8	2-1/2	7/8	2
1.1885 1.2510 1.4385 1.5010	1-3/8	4-1/2	3/4x1/2	6	2-3/4	2-1/2	1-1/2	3/4	3	1	2-1/2
SRP SERIES											
.2510 .3770	9/16	2-1/8	5/16x3/16	2-3/4	1-1/8	1	5/8	5/16	1-7/16	7/16	1
.5020	13/16	2-7/8	1/2x5/16	3-3/4	1-5/8	1-1/2	1	1/2	2	11/16	1-1/2
.6270 .7530	1-1/8	3-3/4	5/8x3/8	5	2-1/8	2	1-1/4	5/8	2-1/2	7/8	2
.9405 1.0030 1.1905 1.2530	1-3/8	4-1/2	3/4x1/2	6	2-3/4	2-1/2	1-1/2	3/4	3	1	2-1/2

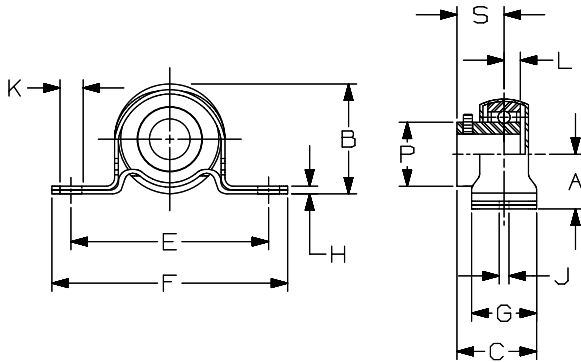
Mounted Ball Bearings

PS Series Pressed Steel Housing Pillow Blocks – Light Duty Setscrew Locking



Features —

- Quality pressed steel outer housing.
- Deep groove ball bearings for high radial and thrust loads.
- Spherical outer race for full self-alignment.
- Synthetic lip type seals.
- Positive locking by setscrews through extended inner race.
- Lubricated for life.
- Housing halves snap together for ease of assembly.



ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	Catalog Number	Item Code
1/2	PS-1/2	64500
5/8	PS-5/8	64501
3/4	PS-3/4	64502
7/8	PS-7/8	64503
15/16	PS-15/16	64504
1	PS-1	64505
1-1/16	PS-1-1/16	64506
1-1/8	PS-1-1/2	64507
1-3/16	PS-1-3/16	64508
1-1/4S	PS-1-1/4S	64509

STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+0.001 to -0.000

ALL DIMENSIONS IN INCHES

Bore	A	B	C	E	F	G	H	J	K	L	P	R* Setscrew UNF	S	Bolt Size	Approx. Weight (Lbs.)
1/2	7/8	1-3/4	1.125	2-11/16	3-5/8	1	.133	.34	.54	15/64	31/32	10—32	5/8	5/16	.52
5/8	7/8	1-3/4	1.125	2-11/16	3-5/8	1	.133	.34	.54	15/64	31/32	10—32	5/8	5/16	.48
3/4	1	2-1/16	1.203	3	4-1/8	1	.178	.40	.54	9/32	1-11/64	10—32	45/64	5/16	.58
7/8	1-1/8	2-7/32	1.328	3-3/8	4-1/2	1-1/8	.208	.40	.54	19/64	1-11/32	10—32	49/64	3/8	.67
15/16	1-1/8	2-7/32	1.328	3-3/8	4-1/2	1-1/8	.208	.40	.54	19/64	1-11/32	10—32	49/64	3/8	.64
1	1-1/8	2-7/32	1.328	3-3/8	4-1/2	1-1/8	.208	.40	.54	19/64	1-11/32	10—32	49/64	3/8	.61
1-1/16	1-5/16	2-5/8	1.390	3-3/4	4-7/8	1-1/8	.238	.53	.75	5/16	1-39/64	1/4—28	53/64	3/8	1.10
1-1/8	1-5/16	2-5/8	1.390	3-3/4	4-7/8	1-1/8	.238	.53	.75	5/16	1-39/64	1/4—28	53/64	3/8	1.05
1-3/16	1-5/16	2-5/8	1.390	3-3/4	4-7/8	1-1/8	.238	.53	.75	5/16	1-39/64	1/4—28	53/64	3/8	1.00
1-1/4S	1-5/16	2-5/8	1.390	3-3/4	4-7/8	1-1/8	.238	.53	.75	5/16	1-39/64	1/4—28	53/64	3/8	.95

*2 at 120°

Eccentric Locking Collar bearings are available to special order.

For Load Ratings, See Engineering Section, Page 242.

Replacement Bearings are shown on Page 214.

Mounted Ball Bearings

XL Series Cast Ductile Housing Pillow Blocks – Light Duty Setscrew Locking

Features —

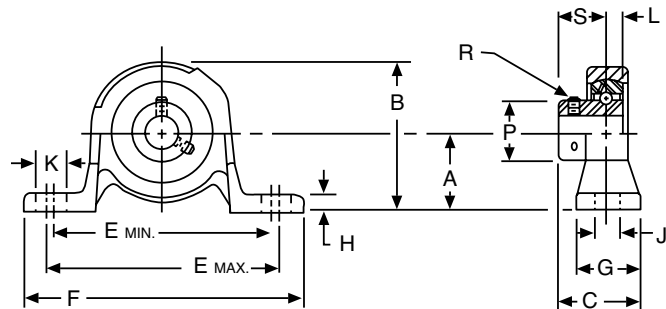
One-piece housing (ductile casting).
Deep groove ball bearings for high radial and thrust loads.
Machined housing bore and spherical outer race for full self-alignment.
Synthetic lip type seal.
Positive locking by setscrews through extended inner race.



F

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	Catalog Number	Item Code
1/2	XL-1/2	64534
5/8	XL-5/8	64535
3/4	XL-3/4	64536
7/8	XL-7/8	64537
15/16	XL-15/16	64538
1	XL-1	64539
1-1/16	XL-1-1/16	64540
1-1/8	XL-1-1/8	64541
1-3/16	XL-1-3/16	64542
1-1/4S	XL-1-1/4S	64543
1-3/8	XL-1-3/8	64545
1-7/16	XL-1-7/16	64546



STANDARD TOLERANCES

DIMENSIONS	TOLERANCE	
Bore	All	±.001 - .000

ALL DIMENSIONS IN INCHES

Bore	A	B	C	E Min.	E Max.	F	G	H	J	K	L	P	R* Setscrew UNF	S	Bolt Size	Approx. Weight (Lbs.)
1/2 5/8	1-3/16	2-5/32	1-1/8	3-3/16	3-11/16	4-1/2	1	9/32	7/16	11/16	15/64	31/32	10—32	5/8	3/8	.6
3/4	1-5/16	2-7/16	1-15/64	3-5/8	3-7/8	4-3/4	1-1/16	5/16	7/16	9/16	9/32	1-11/64	10—32	45/64	3/8	.8
7/8 15/16 1	1-7/16	2-21/32	1-11/32	3-7/8	4-1/8	5	1-1/8	11/32	7/16	9/16	19/64	1-11/32	10—32	49/64	3/8	1.0
1-1/16 1-1/8 1-3/16 1-1/4S	1-11/16	3-5/32	1-31/64	4-1/2	4-3/4	6	1-5/16	3/8	9/16	11/16	5/16	1-39/64	1/4—28	53/64	1/2	1.4
1-3/8 1-7/16	1-7/8	3-9/16	1-11/16	4-3/4	5	6-3/8	1-3/8	13/32	9/16	11/16	11/32	1-27/32	1/4—28	1	1/2	1.9

*2 at 120°

These units also available with Eccentric Locking Collars on Special Order.

For Load Ratings, see Engineering Section, Page 237.

Replacement Bearings are shown on Page 214.

Mounted Ball Bearings

L/H Series Pillow Blocks – Standard Duty; Eccentric Locking Collar



L Series Low Backing
H Series High Backing

Features —

- Rigid one piece housing.
- Chrome alloy steel balls.
- Spherical outer race.
- Synthetic lip type seals.
- Eccentric locking collar.
- 1/4-28 threaded grease fitting.

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	Low Backing		High Backing	
	L Series		H Series	
	Catalog Number	Item Code	Catalog Number	Item Code
1/2	3L-1/2	06906	3H-1/2	06902
5/8	3L-5/8	06908	3H-5/8	06904
3/4	4L-3/4	06912	4H-3/4	06910
7/8	5L-7/8	06920	5H-7/8	06914
15/16	5L-15/16	06922	5H-15/16	06916
1	5L-1	06924	5H-1	06918
1-1/8	6L-1-1/8	06928	6H-1-1/8	06932
1-3/16	6L-1-3/16	06930	6H-1-3/16	06936
1-1/4S	6L-1-1/4S	06934	6H-1-1/4S	06926
1-1/4	7L-1-1/4*	06858	7H-1-1/4*	06850
1-5/16	7L-1-5/16*	06860	7H-1-5/16*	06852
1-3/8	7L-1-3/8*	06862	7H-1-3/8*	06854
1-1/2	8L-1-1/2*	06868	8H-1-1/2*	06866
1-5/8	9L-1-5/8*	06876	9H-1-5/8*	06870
1-11/16	9L-1-11/16*	06878	9H-1-11/16*	06872
1-15/16	10L-1-15/16*	06884	10H-1-15/16*	06882
2-1/4	12L-2-1/4*	06898	12H-2-1/4*	06894
2-7/16	12L-2-7/16*	06900	12H-2-7/16*	06896

*Bearings equipped with steel flinger.
Replacement Bearings are shown on Page 213.

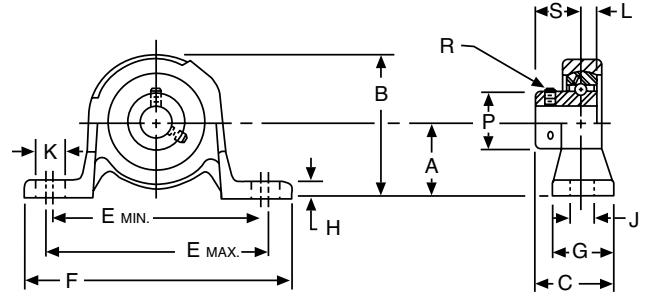
Mounted Ball Bearings

L/H Series

Pillow Blocks – Standard Duty; Eccentric Locking Collar

SHAFT HEIGHT DIMENSIONS IN INCHES

Bore	Low Backing			High Backing		
	A	B	H	A	B	H
1/2 5/8	1-1/16	2-5/32	1/2	1-3/16	2-9/32	5/8
3/4	1-1/4	2-15/32	9/16	1-5/16	2-17/32	5/8
7/8 15/16 1	1-5/16	2-21/32	5/8	1-7/16	2-25/32	3/4
1-1/8 1-3/16 1-1/4S	1-9/16	3-1/8	3/4	1-11/16	3-1/4	7/8
1-1/4 1-5/16 1-3/8 1-7/16	1-13/16	3-11/16	1	1-7/8	3-3/4	1-1/16
1-1/2	1-15/16	4	1-1/8	2	4-1/16	1-3/16
1-5/8 1-11/16 1-3/4	2-1/16	4-1/4	1-1/4	2-1/8	4-5/16	1-5/16
1-15/16	2-3/16	4-1/2	1-3/8	2-1/4	4-9/16	1-7/16
2 2-3/16	2-7/16	4-15/16	1-1/2	2-1/2	5	1-9/16
2-1/4 2-7/16	2-11/16	5-7/16	1-5/8	2-3/4	5-1/2	1-11/16



STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+0.0012 to -0.0000

ALL DIMENSIONS IN INCHES

Bore	C	E		F	G	J	K	L	P	R Setscrew UNF	S	Bolt Size	Approx. Wt. (Lbs.)	
		Min.	Max.										L	H
1/2 5/8	1-5/8	3-5/16	4	5-1/16	1-1/2	7/16	25/32	1/4	1-9/64	1/4-28	7/8	3/8	1.1	1.2
3/4	1-45/64	3-7/16	4-1/8	5-1/4	1-9/16	7/16	25/32	19/64	1-19/64	1/4-28	59/64	3/8	1.6	1.6
7/8 15/16 1	1-47/64	3-7/16	4-1/4	5-1/2	1-5/8	7/16	11/16	19/64	1-1/2	1/4-28	59/64	3/8	1.9	1.9
1-1/8 1-3/16 1-1/4S	1-59/64	4-5/16	4-15/16	6-1/4	1-3/4	9/16	7/8	23/64	1-3/4	5/16-24	1-3/64	1/2	2.6	2.7
1-1/4 1-5/16 1-3/8 1-7/16	2-13/64	4-3/4	5-3/8	6-11/16	1-7/8	9/16	7/8	47/64	2-3/16	3/8-24	1-17/64	1/2	4.1	4.3
1-1/2	2-3/8	5-1/4	5-13/16	7-1/4	2	9/16	27/32	27/32	2-23/64	3/8-24	1-3/8	1/2	5.5	5.6
1-5/8 1-11/16 1-3/4	2-7/16	5-9/16	6-1/8	7-3/4	2-1/8	9/16	27/32	27/32	2-1/2	3/8-24	1-3/8	1/2	6.5	6.6
1-15/16	2-5/8	6-1/16	6-5/8	8-1/4	2-1/4	11/16	31/32	31/32	2-3/4	3/8-24	1-1/2	5/8	8.0	8.1
2 2-3/16	2-29/32	6-7/16	7-3/8	8-7/8	2-3/8	11/16	1-5/32	1-3/32	3	7/16-20	1-23/32	5/8	9.5	10.0
2-1/4 2-7/16	3-3/32	6-15/16	7-7/8	9-5/8	2-1/2	11/16	1-5/32	1-7/32	3-5/16	7/16-20	1-27/32	5/8	11.8	11.9

For Load Ratings, see Engineering Section, Page 243.

Mounted Ball Bearings

SL/SH Series

Pillow Blocks – Standard Duty; Extended Inner Race – Setscrew Locking



SL Series Low Backing
SH Series High Backing

Features —

- One-piece, high grade cast iron housing.
- Deep groove ball bearings for high radial and thrust loads.
- Precision machined housing bore and spherical outer race for self-alignment.
- Synthetic lip type seals with steel flinger.
- Positive locking by setscrews through extended inner race.
- 1/4-28 threaded grease fitting and channel through outer race allow relubrication.

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	Low Backing		High Backing	
	Catalog Number	Item Code	Catalog Number	Item Code
1/2	SL-1/2*	64680	SH-1/2*	64679
5/8	SL-5/8*	64682	SH-5/8*	64681
3/4	SL-3/4	64684	SH-3/4	64683
7/8	SL-7/8	64686	SH-7/8	64685
15/16	SL-15/16	64688	SH-15/16	65687
1	SL-1	64690	SH-1	64689
1-1/8	SL-1-1/8	64692	SH-1-1/8	64691
1-3/16	SL-1-3/16	64694	SH-1-3/16	64693
1-1/4S	SL-1-1/4S	64696	SH-1-1/4S	64695
1-1/4	SL-1-1/4	64698	SH-1-1/4	64697
1-5/16	SL-1-5/16	64700	SH-1-5/16	64699
1-3/8	SL-1-3/8	64702	SH-1-3/8	64701
1-7/16	SL-1-7/16	64704	SH-1-7/16	64703
1-1/2	SL-1-1/2	64706	SH-1-1/2	64705
1-5/8	SL-1-5/8	64708	SH-1-5/8	64707
1-11/16	SL-1-11/16	64710	SH-1-11/16	64709
1-3/4	SL-1-3/4	64712	SH-1-3/4	64711
1-15/16	SL-1-15/16	64714	SH-1-15/16	64713
2	SL-2	64716	SH-2	64715
2-3/16	SL-2-3/16	64718	SH-2-3/16	64717
2-1/4	SL-2-1/4	64720	SH-2-1/4	64719
2-7/16	SL-2-7/16	64722	SH-2-7/16	64721

*Bearings not equipped with steel flinger.
Replacement Bearings are shown on Page 214.

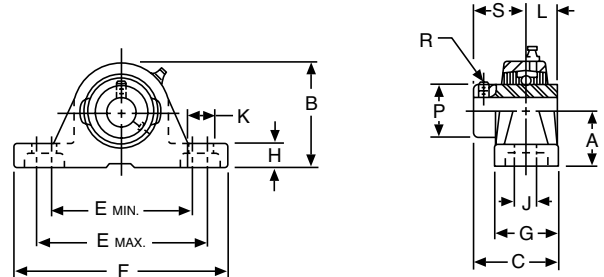
Mounted Ball Bearings

SL/SH Series

Pillow Blocks – Standard Duty; Extended Inner Race
– Setscrew Locking

SHAFT HEIGHT DIMENSIONS IN INCHES

Bore	Low Backing			High Backing		
	A	B	H	A	B	H
1/2 5/8	1-1/16	2-5/32	1/2	1-3/16	2-9/32	5/8
3/4	1-1/4	2-15/32	9/16	1-5/16	2-17/32	5/8
7/8 15/16 1	1-5/16	2-21/32	5/8	1-7/16	2-25/32	3/4
1-1/8 1-3/16 1-1/4S	1-9/16	3-1/8	3/4	1-11/16	3-1/4	7/8
1-1/4 1-5/16 1-3/8 1-7/16	1-13/16	3-11/16	1	1-7/8	3-3/4	1-1/16
1-1/2	1-15/16	4	1-1/8	2	4-1/16	1-3/16
1-5/8 1-11/16 1-3/4	2-1/16	4-1/4	1-1/4	2-1/8	4-5/16	1-5/16
1-15/16	2-3/16	4-1/2	1-3/8	2-1/4	4-9/16	1-7/16
2 2-3/16	2-7/16	4-15/16	1-1/2	2-1/2	5	1-9/16
2-1/4 2-7/16	2-11/16	5-7/16	1-5/8	2-3/4	5-1/2	1-11/16



STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+0.0012 to -0.0000

ALL DIMENSIONS IN INCHES

Bore	C	E		F	G	J	K	L	P	R* Setscrew (UNF)	S	Bolt Size	Approx. Wt. (Lbs.)	
		Min.	Max.										L	H
1/2 5/8	1-3/8	3-5/16	4	5-1/16	1-1/2	7/16	25/32	9/32	31/32	10-32	5/8	3/8	1.25	1.38
3/4	1-1/2	3-7/16	4-1/8	5-1/4	1-9/16	7/16	25/32	1/2	1-11/64	10-32	23/32	3/8	1.75	1.75
7/8 15/16 1	1-37/64	3-3/4	4-1/4	5-1/2	1-5/8	7/16	11/16	9/16	1-21/64	10-32	25/32	3/8	2.00	2.00
1-1/8 1-3/16 1-1/4S	1-3/4	4-5/16	4-15/16	6-1/4	1-3/4	9/16	7/8	5/8	1-39/64	1/4-28	7/8	3/8	2.75	2.88
1-1/4 1-5/16 1-3/8 1-7/16	1-15/16	4-3/4	5-3/8	6-11/16	1-7/8	9/16	7/8	11/16	1-27/32	1/4-28	1	1/2	4.25	4.50
1-1/2	2-3/16	5-1/4	5-13/16	7-1/4	2	9/16	27/32	3/4	2-3/32	5/16-24	1-3/16	1/2	5.63	5.75
1-5/8 1-11/16 1-3/4	2-33/64	5-9/16	6-1/8	7-3/4	2-1/8	9/16	27/32	3/4	2-17/64	5/16-24	1-3/16	1/2	6.63	6.75
1-15/16	2-13/32	6-1/16	6-5/8	8-1/4	2-1/4	11/16	31/32	3/4	2-29/64	5/16-24	1-5/16	5/8	8.25	8.25
2 2-3/16	2-1/2	6-7/16	7-3/8	8-7/8	2-3/8	11/16	1-5/32	7/8	2-23/32	5/16-24	1-5/16	5/8	10.00	10.25
2-1/4 2-7/16	2-13/16	6-15/16	7-7/8	9-5/8	2-1/2	11/16	1-5/32	1	3-1/32	3/8-24	1-9/16	5/8	12.25	12.38

*2 at 120°

For Load Ratings, see Engineering Section, Page 243.

Mounted Ball Bearings

MB Series

Pillow Blocks – Medium Duty; Extended Inner Race – Setscrew Locking

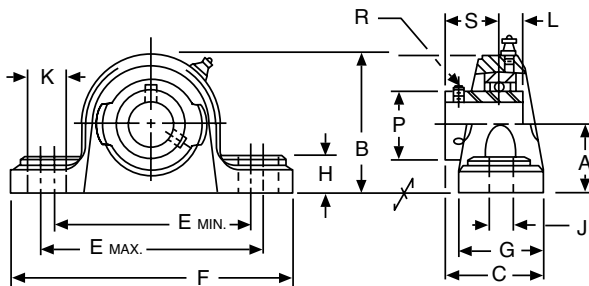


Features —

- One-piece high grade cast iron housing.
- Deep groove ball bearings for high radial and thrust loads.
- Precision machined housing bore and spherical race for full self-alignment.
- Synthetic lip type seal with steel flinger.
- Positive locking by setscrews through extended inner race.
- 1/4-28 threaded grease fitting and channel through outer race allow relubrication.

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	Catalog Number	Item Code
1-7/16	MB-1-7/16	64573
1-1/2	MB-1-1/2	64574
1-11/16	MB-1-11/16	64575
1-3/4	MB-1-3/4	64576
1-15/16	MB-1-15/16	64577
2	MB-2	64578
2-3/16	MB-2-3/16	64579
2-1/4	MB-2-1/4	64580
2-7/16	MB-2-7/16	64581
2-1/2	MB-2-1/2	64582
2-11/16	MB-2-11/16	64583
2-15/16	MB-2-15/16	64584
3	MB-3	64585
3-3/16	MB-3-3/16	64586
3-1/4	MB-3-1/4	64587
3-7/16	MB-3-7/16	64588
3-1/2	MB-3-1/2	64589



STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+.001 to -.000

ALL DIMENSIONS IN INCHES

Bore	A	B	C	E Min.	E Max.	F	G	H	J	K	L	P	R* Setscrew (UNF)	S	Bolt Size	Approx. Weight (Lbs.)
1-7/16	2-1/8	4-3/16	2-17/64	5-1/16	6-5/16	6-1/2	2-1/4	3/4	9/16	1-3/16	3/4	1-27/32	5/16-24	1-9/64	1/2	6.8
1-1/2	2-5/16	4-9/16	2-1/2	5-9/16	6-11/16	8-1/4	2-5/8	13/16	11/16	1-1/4	3/4	2-3/32	5/16-24	1-3/16	5/8	9.0
1-11/16 1-3/4	2-5/16	4-5/8	2-19/32	5-1/2	6-3/4	8-1/4	2-5/8	13/16	11/16	1-5/16	3/4	2-17/64	5/16-24	1-9/32	5/8	9.5
1-15/16 2	2-1/2	5-1/16	2-3/4	6	7-1/2	8-7/8	2-7/8	7/8	11/16	1-7/16	7/8	2-23/32	5/16-24	1-5/16	5/8	11.7
2-3/16 2-1/4	2-3/4	5-5/8	3-1/8	6-5/8	7-7/8	9-5/8	3-1/8	1-1/16	13/16	1-7/16	1	3-1/32	3/8-24	1-9/16	3/4	16.2
2-7/16 2-1/2	3	6-3/16	3-3/8	7-3/16	8-13/16	10-3/8	3-1/4	1-1/16	13/16	1-5/8	1-3/16	3-27/64	3/8-24	1-3/4	3/4	21.5
2-11/16 2-15/16 3	3-1/2	6-15/16	3-3/8	7-15/16	10-1/16	11-7/8	3-1/2	1-1/8	15/16	2	1-5/16	3-43/64	3/8-24	1-3/4	7/8	29.2
3-3/16 3-1/4	4	8	4-1/32	9-3/4	12-1/2	15	4	1-1/4	15/16	2-5/16	1-11/32	4-3/16	1/2-20	2-1/32	7/8	41.1
3-7/16 3-1/2	4	8-1/4	4-13/32	9-11/16	12-9/16	15	4-3/8	1-5/16	15/16	2-3/8	1-9/16	4-25/64	1/2-20	2-7/32	7/8	47.8

*2 at 120°

For Load Ratings, See Engineering Section, Page 243.

Replacement Bearings are shown on Page 214.

Mounted Ball Bearings

PS2/PS3 Series Pressed Steel Housing Flanged Units – Light Duty; Setscrew Locking

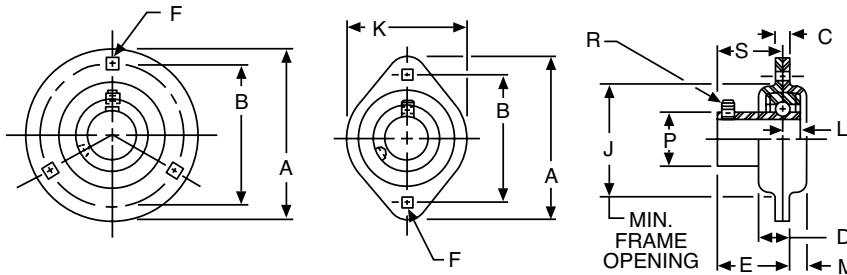
ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	3-BOLT		2-BOLT	
	Catalog Number	Item Code	Catalog Number	Item Code
1/2	PS3-1/2	64520	PS2-1/2	64510
5/8	PS3-5/8	64521	PS2-5/8	64511
3/4	PS3-3/4	64522	PS2-3/4	64512
7/8	PS3-7/8	64523	PS2-7/8	64513
15/16	PS3-15/16	64524	PS2-15/16	64514
1	PS3-1	64525	PS2-1	64515
1-1/16	PS3-1-1/16	64526	PS2-1-1/16	64516
1-1/8	PS3-1-1/8	64527	PS2-1-1/8	64517
1-3/16	PS3-1-3/16	64528	PS2-1-3/16	64518
1-1/4S	PS3-1-1/4S	64529	PS2-1-1/4S	64519
1-1/4	PS3-1-1/4	64530	-----	-----
1-3/8	PS3-1-3/8	64532	-----	-----
1-7/16	PS3-1-7/16	64533	-----	-----



STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+.001 to -.0000



ALL DIMENSIONS IN INCHES

Bore	A	B	C	D	E	F Sq.	J	K	L	M	P	R* Setscrew UNF	S	Bolt Size	Approx. Weight (Lbs.)	
															PS3	PS2
1/2	3-3/16	2-1/2	.150	23/64	45/64	9/32	1-15/16	2-5/16	15/64	13/64	31/32	10-32	5/8	1/4	.63	.51
5/8	3-9/16	2-13/16	.166	25/64	25/32	11/32	2-3/16	2-5/8	9/32	7/32	1-11/64	10-32	45/64	5/16	.59	.47
3/4	3-3/4	3	.166	27/64	27/32	11/32	2-3/8	2-51/64	19/64	1/4	1-11/32	10-32	49/64	5/16	.74	.60
7/8	4-7/16	3-9/16	.208	29/64	15/16	13/32	2-13/16	3-5/16	5/16	1/4	1-39/64	1/4-28	53/64	3/8	.87	.70
15/16															.84	.67
1															.81	.64
1-1/16															1.42	1.08
1-1/8															1.37	1.03
1-3/16															1.32	.98
1-1/4S															1.27	.93
1-1/4	4-13/16	3-15/16	.208	31/64	1-7/64	13/32	3-3/16	—	11/32	9/32	1-27/32	1/4-28	1	3/8	1.93	—
1-3/8															1.84	—
1-7/16															1.74	—

*2 at 120°

Eccentric Locking Collar bearings are available to special order.

On 1-1/4" through 1-7/16" Hole Diameters, Eccentric Collar bearings will have extended inner races on both sides and will project beyond "M" dimension.

For Load Ratings, see Engineering Section, Page 242.

Replacement Bearings are shown on Page 214.

Mounted Ball Bearings

XL2/XL3 Series Cast Ductile Housing Flanged Units – Light Duty; Setscrew Locking

F

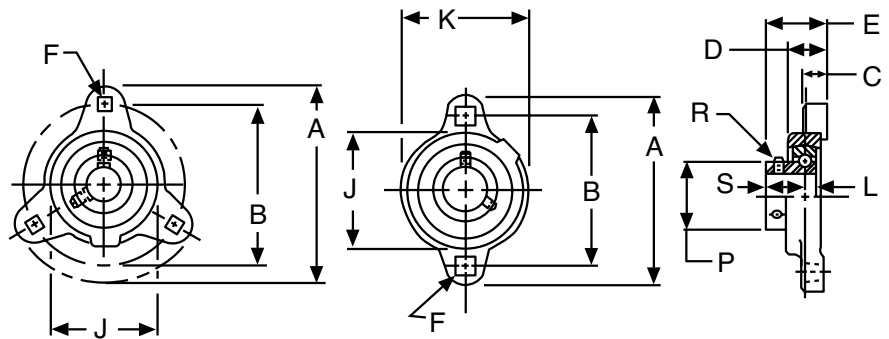


ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	3-BOLT		2-BOLT	
	Catalog Number	Item Code	Catalog Number	Item Code
1/2	XL3-1/2	64560	XL2-1/2	64547
5/8	XL3-5/8	64561	XL2-5/8	64548
3/4	XL3-3/4	64562	XL2-3/4	64549
7/8	XL3-7/8	64563	XL2-7/8	64550
15/16	XL3-15/16	64564	XL2-15/16	64551
1	XL3-1	64565	XL2-1	64552
1-1/16	XL3-1-1/16	64566	XL2-1-1/16	64553
1-1/8	XL3-1-1/8	64567	XL2-1-1/8	64554
1-3/16	XL3-1-3/16	64568	XL2-1-3/16	64555
1-1/4S	XL3-1-1/4S	64569	XL2-1-1/4S	64556
1-3/8	XL3-1-3/8	64571	XL2-1-3/8	64558
1-7/16	XL3-1-7/16	64572	XL2-1-7/16	64559

STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+0.001 to -0.000



ALL DIMENSIONS IN INCHES

Bore	A	B	C	D	E	F Sq.	J	K	L	P	R* Setscrew UNF	S	Bolt Size	Approx. Weight (Lbs.)	
														XL3	XL2
1/2 5/8	3-3/16	2-1/2	27/64	11/16	1	9/32	1-13/16	1-15/16	15/64	31/32	10-32	5/8	1/4	.6	.5
3/4	3-9/16	2-13/16	7/16	3/4	1-1/8	11/32	2-1/16	2-1/4	9/32	1-11/64	10-32	45/64	3/16	.7	.7
7/8 15/16 1	3-3/4	3	7/16	3/4	1-1/8	11/32	2-5/16	2-1/2	19/64	1-11/32	10-32	49/64	5/16	.8	.8
1-1/16 1-1/8 1-3/16 1-1/4S	4-7/16	3-9/16	15/32	27/32	1-19/64	13/32	2-13/16	2-15/16	5/16	1-39/64	1/4-28	53/64	3/8	1.2	1.2
1-3/8 1-7/16	4-13/16	3-15/16	1/2	29/32	1-1/2	13/32	3-3/16	3-3/8	11/32	1-27/32	1/4-28	1	3/8	1.6	1.5

*2 at 120°

These units also available with Eccentric Locking Collars on Special Order.

For Load Ratings, See Engineering Section, Page 243.

Replacement Bearings are shown on Page 214.

F Series 4-Bolt T Series 2-Bolt

Features —

Rigid one-piece high housing.
Chrome alloy steel balls. Spherical outer race.
Synthetic lip type seals.
Eccentric locking collar.
1/4-28 threaded grease fitting.



F

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	4-BOLT FLANGES F SERIES		2-BOLT FLANGES T SERIES	
	Catalog Number	Item Code	Catalog Number	Item Code
1/2	3F-1/2	06938	3T-1/2	06982
5/8	3F-5/8	06940	3T-5/8	06984
3/4	4F-3/4	06942	4T-3/4	06986
7/8	5F-7/8	06944	5T-7/8	06988
15/16	5F-15/16	06946	5T-15/16	06990
1	5F-1	06948	5T-1	06992
1-1/8	6F-1-1/8	06950	6T-1-1/8	06994
1-3/16	6F-1-3/16	06952	6T-1-3/16	06996
1-1/4S	6F-1-1/4S	06954	6T-1-1/4S	06998
1-1/4	7F-1-1/4*	06956	7T-1-1/4*	07000
1-5/16	7F-1-5/16*	06958	7T-1-5/16*	07002
1-3/8	7F-1-3/8*	06960	7T-1-3/8*	07004
1-7/16	7F-1-7/16*	06962	7T-1-7/16*	07006
1-1/2	8F-1-1/2*	06964	—	—
1-5/8	9F-1-5/8*	06966	—	—
1-11/16	9F-1-11/16*	06968	—	—
1-3/4	9F-1-3/4*	06970	—	—
1-15/16	10F-1-15/16*	06972	10T-1-15/16*	50695
2	11F-2*	06974	—	—
2-3/16	11F-2-3/16*	06976	—	—
2-1/4	12F-2-1/4*	06978	—	—
2-7/16	12F-2-7/16*	06980	—	—

*Bearings equipped with steel flinger.

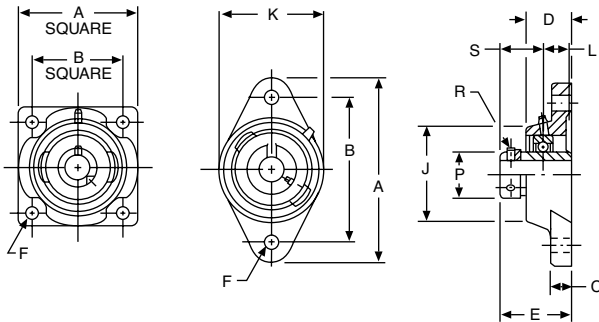
Replacement Bearings are shown on Page 213.

Mounted Ball Bearings

F/T Series

Flanged Units – Standard Duty; Eccentric Locking Collar

F



STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+0.0012 to -0.0000

ENVELOPE AND BOLT SPACING DIMENSIONS IN INCHES

Bore	4-BOLT		2-BOLT		
	A	B	A	B	K
1/2 5/8	2-7/8	2-1/8	3-3/4	3	2-9/32
3/4	3-3/8	2-1/2	4-13/32	3-17/32	2-37/64
7/8 15/16 1	3-3/4	2-3/4	4-57/64	3-57/64	2-53/64
1-1/8 1-3/16 1-1/4S	4-1/4	3-1/4	5-19/32	4-19/32	3-19/64
1-1/4 1-5/16 1-3/8 1-7/16	4-5/8	3-5/8	6-1/8	5-1/8	3-11/64
1-1/2	5-1/8	4	—	—	—
1-5/8 1-11/16 1-3/4	5-3/8	4-1/8	—	—	—
1-15/16	5-5/8	4-3/8	7-7/16	6-3/16	4-9/16
2 2-3/16	6-3/8	5-1/8	—	—	—
2-1/4 2-7/16	6-7/8	5-5/8	—	—	—

ALL DIMENSIONS IN INCHES

Bore	C	D	E	F Bolt	J	L	P	R* Setscrew UNF	S	Approx. Weight (Lbs.)	
							F T			F	T
1/2 5/8	7/16	1-1/16	1-37/64	3/8	2	1/4	1-9/64	1/4-28	7/8	.9	.9
3/4	1/2	1-7/32	1-13/16	3/8	2-1/4	19/64	1-19/64	1/4-28	59/64	1.7	1.2
7/8 15/16 1	9/16	1-1/4	1-27/32	7/16	2-1/2	19/64	1-1/2	1/4-28	59/64	2.0	1.6
1-1/8 1-3/16 1-1/4S	9/16	1-11/32	2	7/16	2-15/16	23/64	1-3/4	5/16-24	1-3/64	2.7	2.1
1-1/4 1-5/16 1-3/8 1-7/16	5/8	1-3/8	2-1/8	1/2	3-1/4	47/64	2-3/16	3/8-24	1-17/64	3.7	2.8
1-1/2	11/16	1-37/64	2-11/32	1/2	3-3/4	27/32	2-23/64	3/8-24	1-3/8	5.0	—
1-5/8 1-11/16 1-3/4	11/16	1-39/64	2-11/32	9/16	3-7/8	27/32	2-1/2	3/8-24	1-3/8	5.4	—
1-15/16	11/16	1-51/64	2-19/32	9/16	4-1/8	31/32	2-3/4	3/8-24	1-1/2	6.0	4.8
2 2-3/16	3/4	1-31/32	2-15/16	5/8	4-1/2	1-3/32	3	7/16-20	1-23/32	8.4	—
2-1/4 2-7/16	3/4	2-1/8	3-3/16	5/8	4-7/8	1-7/32	3-5/16	7/16-20	1-27/32	10.0	—

*2 at 120°.

For Load Ratings, See Engineering Section, Page 243.

SF/ST Series

Flanged Units – Standard Duty; Extended Inner Race – Setscrew Locking

SF Series 4-Bolt ST Series 2-Bolt

Features —

One-piece high grade cast iron housing.
Deep groove ball bearings for high radial and thrust loads.
Precision machined housing bore and spherical outer race for self-alignment.
Synthetic lip type seal with steel flinger.
Positive locking by setscrews through extended inner race.
1/4-28 threaded grease fitting and channel through outer race allow relubrication.



F

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	4-BOLT		2-BOLT	
	Catalog Number	Item Code	Catalog Number	Item Code
1/2	SF-1/2	64736	ST-1/2	64723
5/8	SF-5/8	64737	ST-5/8	64724
3/4	SF-3/4	64738	ST-3/4	64725
7/8	SF-7/8	64739	ST-7/8	64726
15/16	SF-15/16	64740	ST-15/16	64727
1	SF-1	64741	ST-1	64728
1-1/8	SF-1-1/8	64742	ST-1-1/8	64729
1-3/16	SF-1-3/16	64743	ST-1-3/16	64730
1-1/4S	SF-1-1/4S	64744	ST-1-1/4S	64731
1-1/4	SF-1-1/4	64745	ST-1-1/4	64732
1-3/8	SF-1-3/8	64747	ST-1-3/8	64734
1-7/16	SF-1-7/16	64748	ST-1-7/16	64735
1-1/2	SF-1-1/2	64749	—	—
1-5/8	SF-1-5/8	64750	—	—
1-11/16	SF-1-11/16	64751	—	—
1-3/4	SF-1-3/4	64752	—	—
1-15/16	SF-1-15/16	64753	ST-1-15/16	50696
2	SF-2	64754	—	—
2-3/16	SF-2-3/16	64755	—	—
2-1/4	SF-2-1/4	64756	—	—
2-7/16	SF-2-7/16	64757	—	—

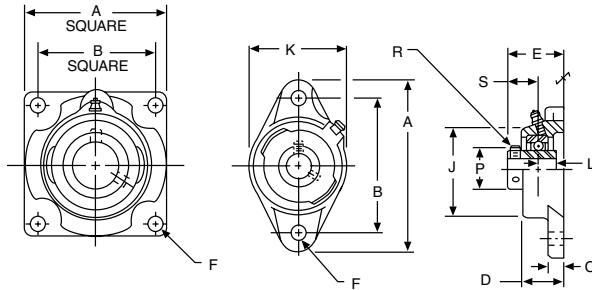
Replacement Bearings are shown on Page 214.

Mounted Ball Bearings

SF/ST Series

Flanged Units – Standard Duty; Extended Inner Race – Setscrew Locking

F



STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+0.0012 to -0.0000

ENVELOPE AND BOLT SPACING DIMENSIONS IN INCHES

Bore	4-BOLT		2-BOLT		
	A	B	A	B	K
1/2	2-7/8	2-1/8	3-3/4	3	2-9/32
5/8					
3/4	3-3/8	2-1/2	4-13/32	3-17/32	2-37/64
7/8					
15/16	3-3/4	2-3/4	4-57/64	3-57/64	2-53/64
1					
1-1/8					
1-3/16	4-1/4	3-1/4	5-19/32	4-19/32	3-19/64
1-1/4S					
1-1/4					
1-5/16	4-5/8	3-5/8	6-1/8	5-1/8	3-11/64
1-3/8					
1-7/16					
1-1/2	5-1/8	4	—	—	—
1-5/8					
1-11/16	5-3/8	4-1/8	—	—	—
1-3/4					
1-15/16	5-5/8	4-3/8	7-7/16	6-3/16	4-9/16
2	6-3/8	5-1/8	—	—	—
2-3/16					
2-1/4	6-7/8	5-5/8	—	—	—
2-7/16					

ALL DIMENSIONS IN INCHES

Bore	C	D	E	F Bolt	J	L	P	R* Setscrew UNF	S	Approx. Weight (Lbs.)	
										SF	ST
1/2	7/16	1-1/16	1-17/64	3/8	2	9/32	31/32	10-32	5/8	.9	.9
5/8											
3/4	1/2	1-7/32	1-31/64	3/8	2-1/4	1/2	1-11/64	10-32	23/32	1.7	1.2
7/8											
15/16	9/16	1-1/4	1-9/16	7/16	2-1/2	9/16	1-11/32	10-32	25/32	2.0	1.6
1											
1-1/8											
1-3/16	9/16	1-11/32	1-11/16	7/16	2-15/16	5/8	1-39/64	1/4-28	7/8	2.7	2.1
1-1/4S											
1-1/4											
1-5/16	5/8	1-3/8	1-27/32	1/2	3-5/16	11/16	1-27/32	1/4-28	1	3.7	2.8
1-5/16											
1-3/8											
1-7/16											
1-1/2	11/16	1-37/64	2-1/64	1/2	3-3/4	3/4	2-3/32	5/16-24	1-3/16	5.0	—
1-5/8											
1-11/16	11/16	1-39/64	2-1/64	9/16	3-7/8	3/4	2-17/64	5/16-24	1-3/16	5.4	—
1-3/4											
1-15/16	11/16	1-51/64	2-3/8	9/16	4-1/8	3/4	2-29/64	5/16-24	1-9/32	6.0	4.8
2											
2-3/16	3/4	1-31/32	2-17/32	5/8	4-1/2	7/8	2-23/32	5/16-24	1-5/16	8.4	—
2-1/4											
2-7/16	3/4	2-1/8	2-29/32	5/8	4-7/8	1	3-1/32	3/8-24	1-9/16	10.0	—

*2 AT 120°

For Load Ratings, See Engineering Section, Page 243.

Mounted Ball Bearings

MBF Series

Flanged Units – Medium Duty; Extended Inner Race – Setscrew Locking

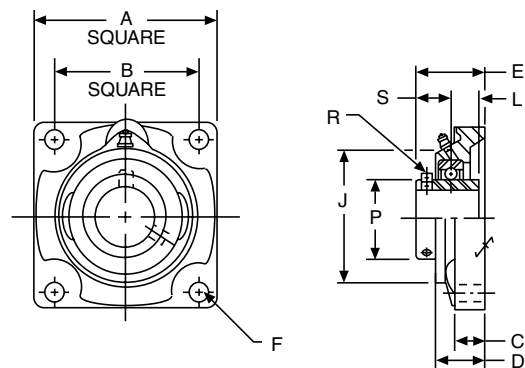
Features —

One-piece high grade cast iron housing.
 Deep groove ball bearings for high radial and thrust loads.
 Precision machined housing bore and spherical outer race for full self-alignment.
 Synthetic lip type seal with steel flinger.
 Positive locking by setscrews through extended inner race.
 1/4-28 threaded grease fitting and channel through outer race allow relubrication.



ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	Catalog Number	Item Code
1-7/16	MBF-1-7/16	64590
1-1/2	MBF-1-1/2	64591
1-11/16	MBF-1-11/16	64592
1-3/4	MBF-1-3/4	64593
1-15/16	MBF-1-15/16	64594
2	MBF-2	64595
2-3/16	MBF-2-3/16	64596
2-1/4	MBF-2-1/4	64597
2-7/16	MBF-2-7/16	64598
2-1/2	MBF-2-1/2	64599
2-11/16	MBF-2-11/16	64600
2-15/16	MBF-2-15/16	64601
3	MBF-3	64602
3-3/16	MBF-3-3/16	64603
3-1/4	MBF-3-1/4	64604
3-7/16	MBF-3-7/16	64605
3-1/2	MBF-3-1/2	64606



STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	1-7/16-1-3/4	+0.0010 to -0.0000
	1-15/16-3-1/2	+0.0012 to -0.0000

ALL DIMENSIONS IN INCHES

Bore	A	B	C	D	E	F Bolt	J	L	P	R* Setscrew UNF	S	Approx. Weight (Lbs.)
1-7/16	5-1/8	4	11/16	1-37/64	2-5/32	1/2	3-3/4	3/4	1-27/32	5/16-24	1-9/64	5.5
1-1/2	5-3/8	4-1/8	11/16	1-39/64	2-5/32	9/16	3-7/8	3/4	2-3/32	5/16-24	1-3/16	6.0
1-11/16	5-5/8	4-3/8	11/16	1-51/64	2-3/8	9/16	4-1/8	3/4	2-17/64	5/16-24	1-9/32	6.8
1-15/16	6-3/8	5-1/8	3/4	1-31/32	2-17/32	5/8	4-1/2	7/8	2-23/32	5/16-24	1-5/16	10.5
2	6-7/8	5-5/8	3/4	2-1/8	2-29/32	5/8	4-7/8	1	3-1/32	3/8-24	1-9/16	12.1
2-3/16	7-1/8	5-7/8	3/4	2-5/32	3-1/16	5/8	5-3/4	1-3/16	3-27/64	3/8-24	1-3/4	16.4
2-1/4	7-5/8	6	3/4	2-5/16	3-3/16	3/4	5-3/4	1-5/16	3-43/64	3/8-24	1-3/4	20.6
2-7/16	7-5/8	6	13/16	2-7/16	3-1/2	3/4	6-1/4	1-5/16	3-7/8	1/2-20	1-15/16	21.4
2-1/2	8-3/8	6-3/4	15/16	2-13/32	3-17/32	3/4	6-7/8	1-11/32	4-3/16	1/2-20	2-1/32	26.7
2-11/16	8-3/8	6-3/4	15/16	2-11/16	3-31/32	3/4	7	1-9/16	4-25/64	1/2-20	2-7/32	20.0

*2 AT 120°

For Load Ratings, See Engineering Section, Page 243.
 Replacement Bearings are shown on Page 214.

Mounted Ball Bearings

MBP Series

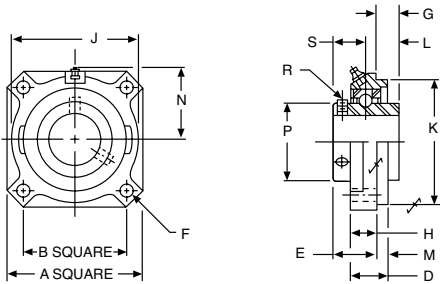
Piloted Flanged Units – Medium Duty; Extended Inner Race – Setscrew Locking

F



Features —

One-piece high grade cast iron housing.
 Deep groove ball bearings for high radial and thrust loads.
 Precision machined housing bore and spherical outer race for full self-alignment.
 Synthetic lip type seal with steel flinger.
 Positive locking by setscrews through extended inner race.
 1/4-28 threaded grease fitting and channel through outer race allow relubrication.



ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	Catalog Number	Item Code
1-7/16	MBP-1-7/16	64607
1-1/2	MBP-1-1/2	64608
1-11/16	MBP-1-11/16	64609
1-3/4	MBP-1-3/4	64610
1-15/16	MBP-1-15/16	64611
2	MBP-2	64612
2-3/16	MBP-2-3/16	64613
2-1/4	MBP-2-1/4	64614
2-7/16	MBP-2-7/16	64615
2-1/2	MBP-2-1/2	64616
2-11/16	MBP-2-11/16	64617
2-15/16	MBP-2-15/16	64618
3	MBP-3	64619
3-7/16	MBP-3-7/16	64620
3-1/2	MBP-3-1/2	64621

STANDARD TOLERANCES

DIMENSIONS	TOLERANCE
Bore	1-7/16-1-3/4 1-15/16-3-1/2
K	All

ALL DIMENSIONS IN INCHES

Bore	A	B	D	E	F Bolt	G	H	J	K	L	M	N	P	R* Setscrew UNF	S	Approx. Weight (Lbs.)
1-7/16	4-1/4	3-3/32	1-5/16	1-17/32	7/16	13/32	7/8	4	3-5/8	3/4	7/16	2-1/4	1-27/32	5/16-24	1-9/64	5.5
1-1/2	4-1/4	3-3/32	1-11/32	1-9/16	7/16	3/8	29/32	4	3-5/8	3/4	7/16	2-9/32	2-3/32	5/16-24	1-3/16	6.0
1-11/16	4-15/16	3-5/8	1-3/8	1-11/16	1/2	11/32	15/16	4-1/2	4-1/4	3/4	7/16	2-9/16	2-17/64	5/16-24	1-9/32	6.8
1-3/4	5-3/16	3-13/16	1-3/8	1-21/32	1/2	17/32	15/16	4-3/4	4-1/2	7/8	7/16	2-3/4	2-23/32	5/16-24	1-5/16	10.5
1-15/16	5-13/16	4-1/4	1-15/32	1-7/8	1/2	11/16	31/32	5-3/8	5	1	1/2	3-1/16	3-1/32	3/8-24	1-9/16	12.1
2	6-1/4	4-19/32	1-5/8	2-1/8	1/2	13/16	1-1/8	5-3/4	5-1/2	1-3/16	1/2	3-9/32	3-27/64	3/8-24	1-3/4	16.4
2-3/16	7-1/8	5-5/16	1-21/32	2-5/32	5/8	29/32	1-5/32	6-9/16	6-3/8	1-5/16	1/2	3-11/32	3-43/64	3/8-24	1-3/4	20.6
2-1/4	7-1/8	5-5/16	1-7/8	2-3/8	5/8	7/8	1-1/4	6-9/16	6-3/8	1-5/6	5/8	3-23/32	3-7/8	1/2-20	1-15/16	21.4
2-7/16	8-3/8	6-3/32	1-31/32	2-21/32	3/4	1-1/8	1-11/32	7-3/4	7-3/8	1-9/16	5/8	4-5/16	4-25/64	1/2-20	2-7/32	30.0
2-1/2																

*2 AT 120°

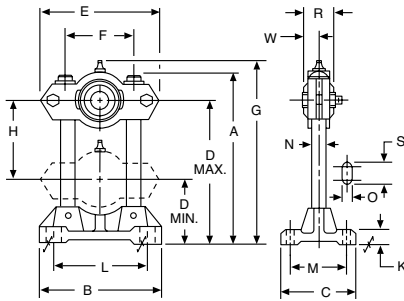
For Load Ratings, See Engineering Section, Page 243.

Replacement Bearings are shown on Page 214.

Mounted Ball Bearings

A Series

Adjustable Shaft Supports – Standard Duty; Eccentric Locking Collar



Features —

Rigid one piece housing.
Chrome alloy steel balls.
Spherical outer race.
Synthetic lip type seals.
Eccentric locking collar.
1/4-28 threaded grease fitting.



ORDER BY CATALOG NUMBER OR ITEM CODE

Bore	Catalog Number	Item Code
1/2	3A-1/2	07008
5/8	3A-5/8	07010
3/4	4A-3/4	07012
7/8	5A-7/8	07016
15/16	5A-15/16	07018
1	5A-1	07020
1-1/8	6A-1-1/8	07024
1-3/16	6A-1-3/16	07026
1-1/4S	6A-1-1/4S	07028

STANDARD TOLERANCES

DIMENSIONS		TOLERANCE
Bore	All	+.001 to -.0000

ALL DIMENSIONS IN INCHES

Bore	A	B	C	D		E	F	G Max.	H	
				Min.	Max.				Min.	Max.
1/2	7-1/8	5-1/8	3-1/8	2-13/32	6-1/16	4-7/8	2-3/4	7-7/16	2-1/2	3-21/32
5/8	7-1/8	5-1/8	3-1/8	2-17/32	6-1/16	4-7/8	2-3/4	7-9/16	2-13/16	3-17.32'
3/4	8-1/4	6-1/4	3-3/4	2-25/32	7-1/16	5-11/16	3-1/8	8-11/16	3	4-9/32
7/8	11-1/4	8-1/8	4-1/2	3-1/2	9-15/16	7-11/16	4-3/8	11-25/32	3-7/16	6-7/16
15/16										
1										
1-1/8										
1-3/16										
1-1/4S										

Bore	K	L	M	N	O	R	S	W	Bolt Size
1/2	5/8	3-15/16	2-1/4	5/8	3/8	1-9/16	11/16	15/16	5/16
5/8	5/8	3-15/16	2-1/4	5/8	3/8	1-23/32	11/16	1-3/64	5/16
3/4	3/4	4-13/16	2-3/4	3/4	1/2	1-3/4	15/16	1-1/16	7/16
7/8	1	6-3/8	3-1/4	1-1/4	5/8	2-5/16	1-1/8	1-3/16	9/16
15/16									
1									
1-1/8									
1-3/16									
1-1/4S									

NOTE: For applications where direction of radial bearing load is away from base, it is recommended that a hole be drilled near the end of each post and a suitable size pin inserted, as a safety precaution.

Replacement Bearings are shown on Page 213.

Mounted Bearings

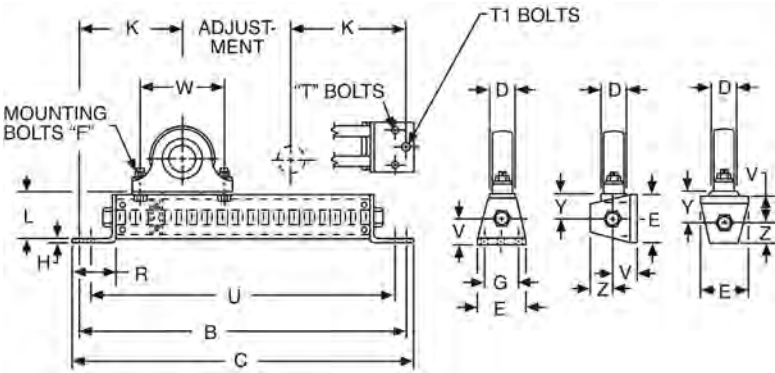
TU Series Take-Up Frames



Boston Gear Take-up Frames are designed for use with Boston's Standard Duty Pillow Blocks. Pillow Block units are not included.

Features —

- Bolted steel frame
- 3 or 4 bolt frame mounting
- Bolt hole centers adjustable



ALL DIMENSIONS IN INCHES

Pillow Block Bore	Adjustment	B	C	D	E	F Bolts	G	H	K	L	R
1/2-1	6	16	17	1-3/4	2-5/8	3/8	1-5/8	3/16	5	2-1/8	1-3/4
	9	19	20								
	12	22	23								
1-1/8-1-3/4	6	19-1/8	20-1/4	2-3/8	3-1/8	1/2	2-1/8	1/4	6-9/16	2-11/16	2-3/16
	9	22-1/8	23-1/4								
	12	25-1/8	26-1/4								
	18	31-1/8	32-1/4								
1-15/16-2-7/16	9	25-5/16	26-9/16	3	4	5/8	2-3/4	5/16	8-5/32	3-5/16	2-3/4
	12	28-5/16	29-9/16								
	18	34-5/16	35-9/16								
	24	40-5/16	41-9/16								

ORDER BY CATALOG NUMBER OR ITEM CODE

Pillow Block Bore	Adjustment	Bolts		U	V	W		Y	Z	Catalog Number	Item Code
		T	T1			Min.	Max.				
1/2-1	6	5/16	3/8	15-1/4	1-1/16	3	5	1-1/16	15/16	TU816-6	29827
	9			18-1/4						TU816-9	29828
	12			21-1/4						TU816-12	29829
1-1/8-1-3/4	6	3/8	1/2	18-1/8	1-11/32	3-3/4	7-1/4	1-11/32	1-3/32	TU1828-6	29830
	9			21-1/8						TU1828-9	29831
	12			24-1/8						TU1828-12	19832
	18			30-1/8						TU1828-18	29833
1-15/16-2-7/16	9	1/2	5/8	24-1/16	1-5/8	4-1/4	9	1-11/16	1-13/16	TU3139-9	29834
	12			27-1/16						TU3139-12	29835
	18			33-1/16						TU3139-18	29836
	24			39-1/16						TU3139-24	29837

Stainless Mounted Bearings

Pillow Blocks – Setscrew Locking 2 Bolt Pillow Block – Setscrew Locking; Extended Inner Race

Features —

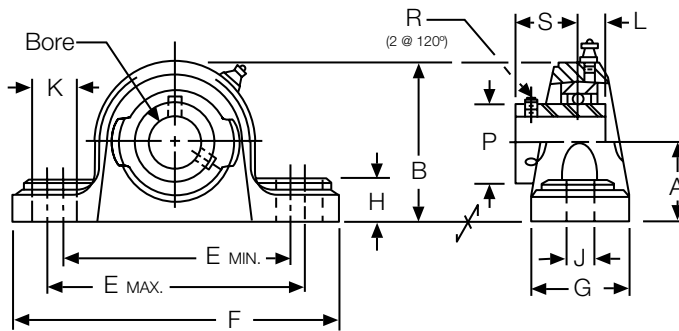
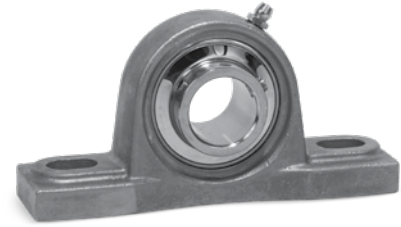
Synthetic lip seal with stainless steel flinger provides superior protection for high pressure washdown conditions.

Pre-filled with NSF H1 food grade grease.

Cast stainless steel housing.

Laser marked.

M6 grease fitting.



Stainless Steel Material	
AISI 304	AISI 440
Housing, cage, shield, setscrew, seal	Balls, inner/outer ring

ALL DIMENSIONS IN INCHES

Catalog Number	Bore Size	Dimensions (in)														Load Rating* (lbf)	
		A	B	E _{max}	E _{min}	F	G	H	J	K	L	P	R (UNF)	S	Bolt Size	CR	Co
SSUP4-3/4	3/4	1-5/16	2-9/16	4-1/8	3-3/8	5	1-1/2	9/16	1/2	3/4	0.500	1.142	1/4-28	0.721	3/8	2,901	1,507
SSUP5-1	1	1-7/16	2-25/32	4-1/2	3-3/4	5-1/2	1-1/2	19/32	1/2	3/4	0.563	1.339	1/4-28	0.780	3/8	3,175	1,782
SSUP6-1-3/16	1-3/16	1-11/16	3-1/4	5-1/32	4-15/32	6-1/2	1-7/8	21/32	43/64	25/32	0.626	1.591	1/4-28	0.874	1/2	4,431	2,558
SSUP7-1-1/4	1-1/4	1-7/8	3-21/32	5-9/32	4-23/32	6-9/16	1-7/8	45/64	43/64	25/32	0.689	1.866	5/16-24	1.000	1/2	5,847	3,472
SSUP7-1-7/16	1-7/16	1-7/8	3-21/32	5-9/32	4-23/32	6-9/16	1-7/8	45/64	43/64	25/32	0.689	1.866	5/16-24	1.000	1/2	5,847	3,472
SSUP8-1-1/2	1-1/2	1-15/16	3-15/16	5-11/16	5-1/8	7-1/4	2-1/8	45/64	43/64	25/32	0.748	2.075	5/16-24	1.189	1/2	6,632	4,069
SSUP10-1-15/16	1-15/16	2-1/4	4-29/64	6-17/32	5-31/32	8-1/8	2-3/8	53/64	25/32	29/32	0.748	2.465	3/8-24	1.284	5/8	7,868	5,216

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore Size	Mounted Bearing		Bearing Insert	
	Catalog Number	Item Code	Catalog Number	Item Code
3/4	SSUP4-3/4	G01140	SSUC204-12	G01171
1	SSUP5-1	G01141	SSUC205-16	G01172
1-3/16	SSUP6-1-3/16	G01142	SSUC206-19	G01173
1-1/4	SSUP7-1-1/4	G01143	SSUC207-20	G01174
1-7/16	SSUP7-1-7/16	G01144	SSUC207-23	G01175
1-1/2	SSUP8-1-1/2	G05900	SSUC208-24	G05922
1-15/16	SSUP10-1-15/16	G05901	SSUC210-31	G05923

NOTES: Bore tolerance: +.001"/-.000".

Recommended shaft tolerance: Nominal +.000"/-.001".

Max recommended speed is 5000 RPM.

*CR=dynamic load rating, Co=static load rating.

Stainless Mounted Bearings

Pillow Blocks – Eccentric Locking Collar

2 Bolt Pillow Block – Eccentric Locking Collar; For Superior Shaft Holding Power

F



Features —

Synthetic lip seal with stainless steel flinger provides superior protection for high pressure washdown conditions.

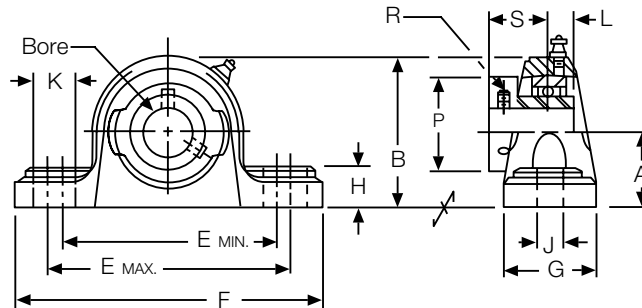
Pre-filled with NSF H1 food grade grease.

Cast stainless steel housing.

Laser marked.

M6 grease fitting.

Stainless Steel Material	
AISI 304	AISI 440
Housing, cage, shield, setscrew, seal, collar	Balls, inner/outer ring



ALL DIMENSIONS IN INCHES

Catalog Number	Bore Size	Dimensions (in)														Load Rating* (lbf)	
		A	B	E _{max}	E _{min}	F	G	H	J	K	L	P	R (UNF)	S	Bolt Size	CR	CO
SSHP4-3/4	3/4	1-5/16	2-9/16	4-1/8	3-3/8	5	1-1/2	9/16	1/2	3/4	0.673	1.311	1/4-28	1.047	3/8	2,901	1,507
SSHP5-1	1	1-7/16	2-25/32	4-1/2	3-3/4	5-1/2	1-1/2	19/32	1/2	3/4	0.689	1.500	1/4-28	1.059	3/8	3,175	1,782
SSHP6-1-3/16	1-3/16	1-11/16	3-1/4	5-1/32	4-15/32	6-1/2	1-7/8	21/32	43/64	25/32	0.720	1.713	1/4-28	1.186	1/2	4,431	2,558
SSHP7-1-1/4	1-1/4	1-7/8	3-21/32	5-9/32	4-23/32	6-9/16	1-7/8	45/64	43/64	25/32	0.740	2.087	5/16-24	1.272	1/2	5,847	3,472
SSHP7-1-7/16	1-7/16	1-7/8	3-21/32	5-9/32	4-23/32	6-9/16	1-7/8	45/64	43/64	25/32	0.740	2.087	5/16-24	1.272	1/2	5,847	3,472
SSHP8-1-1/2	1-1/2	1-15/16	3-15/16	5-11/16	5-1/8	7-1/4	2-1/8	45/64	43/64	25/32	0.748	2.283	5/16-24	1.378	1/2	6,632	4,069
SSHP10-1-15/16	1-15/16	2-1/4	4-29/64	6-17/32	5-31/32	8-1/8	2-3/8	53/64	25/32	29/32	0.969	2.697	3/8-24	1.500	5/8	7,868	5,216

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore Size	Mounted Bearing		Bearing Insert	
	Catalog Number	Item Code	Catalog Number	Item Code
3/4	SSHP4-3/4	G01145	SSHC204-12	G01176
1	SSHP5-1	G01146	SSHC205-16	G01177
1-3/16	SSHP6-1-3/16	G01147	SSHC206-19	G01178
1-1/4	SSHP7-1-1/4	G01148	SSHC207-20	G01179
1-7/16	SSHP7-1-7/16	G01149	SSHC207-23	G01180
1-1/2	SSHP8-1-1/2	G05902	SSHC208-24	G05924
1-15/16	SSHP10-1-15/16	G05903	SSHC210-31	G05925

NOTES: Bore tolerance: +.001"/-.000".

Recommended shaft tolerance: Nominal +.000"/-.001".

Max recommended speed is 5000 RPM.

*CR=dynamic load rating, CO=static load rating.

Stainless Mounted Bearings

Flanged Units – Setscrew Locking 2 Bolt Flange – Setscrew Locking; Extended Inner Race

Features —

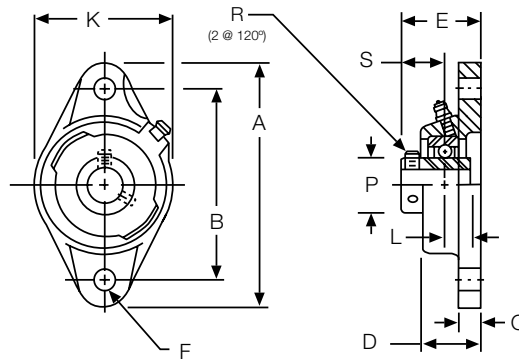
Synthetic lip seal with stainless steel flinger provides superior protection for high pressure washdown conditions.

Pre-filled with NSF H1 food grade grease.

Cast stainless steel housing.

Laser marked.

M6 grease fitting.



Stainless Steel Material	
AISI 304	AISI 440
Flange, cage, shield, setscrew, seal	Balls, inner/outer ring

ALL DIMENSIONS IN INCHES

Catalog Number	Bore Size	Dimensions (in)											Load Rating* (lbf)	
		A	B	C	D	E	Bolt Size F**	K	L	P	R (UNF)	S	CR	CO
SSUFL4-3/4	3/4	4-7/16	3-35/64	7/16	1.000	1-5/16	3/8	2-3/8	0.500	1.142	1/4-28	0.721	2,901	1,507
SSUFL5-1	1	5-1/8	3-57/64	1/2	1.063	1-13/32	1/2	2-11/16	0.563	1.339	1/4-28	0.780	3,175	1,782
SSUFL6-1-3/16	1-3/16	5-13/16	4-39/64	1/2	1.219	1-19/32	1/2	3-5/32	0.626	1.591	1/4-28	0.874	4,431	2,558
SSUFL7-1-1/4	1-1/4	6-11/32	5-1/8	35/64	1.344	1-3/4	1/2	3-35/64	0.689	1.866	5/16-24	1.000	5,847	3,472
SSUFL7-1-7/16	1-7/16	6-11/32	5-1/8	35/64	1.344	1-3/4	1/2	3-35/64	0.689	1.866	5/16-24	1.000	5,847	3,472
SSUFL8-1-1/2	1-1/2	6-7/8	5-43/64	35/64	1.422	2-1/64	1/2	3-15/16	0.748	2.075	5/16-24	1.189	6,632	4,069
SSUFL10-1-15/16	1-15/16	7-3/4	6-3/16	19/32	1.578	2-5/32	5/8	4-17/32	0.748	2.465	3/8-24	1.284	7,868	5,216

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore Size	Mounted Bearing		Bearing Insert	
	Catalog Number	Item Code	Catalog Number	Item Code
3/4	SSUFL4-3/4	G01150	SSUC204-12	G01171
1	SSUFL5-1	G01151	SSUC205-16	G01172
1-3/16	SSUFL6-1-3/16	G01152	SSUC206-19	G01173
1-1/4	SSUFL7-1-1/4	G01153	SSUC207-20	G01174
1-7/16	SSUFL7-1-7/16	G01154	SSUC207-23	G01175
1-1/2	SSUFL8-1-1/2	G05904	SSUC208-24	G05922
1-15/16	SSUFL10-1-15/16	G05905	SSUC210-31	G05923

NOTES: Bore tolerance: +.001"/-.000".

Recommended shaft tolerance: Nominal +.000"/-.001".

Max recommended speed is 5000 RPM.

*CR=dynamic load rating, CO=static load rating.

** Smaller bolt sizes are acceptable with the use of flat washers

Stainless Mounted Bearings

Flanged Units – Setscrew Locking

4 Bolt Flange – Setscrew Locking; Extended Inner Race

F



Features —

Synthetic lip seal with stainless steel flinger provides superior protection for high pressure washdown conditions.

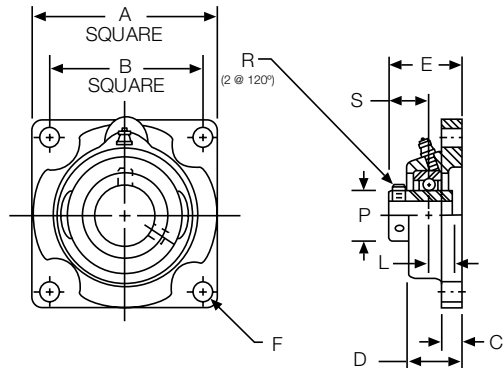
Pre-filled with NSF H1 food grade grease.

Cast stainless steel housing.

Laser marked.

M6 grease fitting.

Stainless Steel Material	
AISI 304	AISI 440
Flange, cage, shield, setscrew, seal	Balls, inner/outer ring



ALL DIMENSIONS IN INCHES

Catalog Number	Bore Size	Dimensions (in)										Load Rating* (lbf)	
		A	B	C	D	E	Bolt Size F**	L	P	R (UNF)	S	CR	Co
SSUF4-3/4	3/4	3-3/8	2-33/64	15/32	1.000	1-5/16	3/8	0.500	1.142	1/4-28	0.721	2,901	1,507
SSUF5-1	1	3-3/4	2-3/4	35/64	1.063	1-13/32	3/8	0.563	1.339	1/4-28	0.780	3,175	1,782
SSUF6-1-3/16	1-3/16	4-1/4	3-17/64	35/64	1.219	1-19/32	3/8	0.626	1.591	1/4-28	0.874	4,431	2,558
SSUF7-1-1/4	1-1/4	4-39/64	3-5/8	5/8	1.344	1-3/4	7/16	0.689	1.866	5/16-24	1.000	5,847	3,472
SSUF7-1-7/16	1-7/16	4-39/64	3-5/8	5/8	1.344	1-3/4	7/16	0.689	1.866	5/16-24	1.000	5,847	3,472
SSUF8-1-1/2	1-1/2	5-1/8	4-1/64	5/8	1.422	2-1/64	1/2	0.748	2.075	5/16-24	1.189	6,632	4,069
SSUF10-1-15/16	1-15/16	5-13/32	4-3/8	23/32	1.578	2-5/32	1/2	0.748	2.465	3/8-24	1.284	7,868	5,216

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore Size	Mounted Bearing		Bearing Insert	
	Catalog Number	Item Code	Catalog Number	Item Code
3/4	SSUF4-3/4	G01155	SSUC204-12	G01171
1	SSUF5-1	G01156	SSUC205-16	G01172
1-3/16	SSUF6-1-3/16	G01157	SSUC206-19	G01173
1-1/4	SSUF7-1-1/4	G01158	SSUC207-20	G01174
1-7/16	SSUF7-1-7/16	G01159	SSUC207-23	G01175
1-1/2	SSUF8-1-1/2	G05906	SSUC208-24	G05922
1-15/16	SSUF10-1-15/16	G05907	SSUC210-31	G05923

NOTES: Bore tolerance: +.001"/-.000".

Recommended shaft tolerance: Nominal +.000"/-.001".

Max recommended speed is 5000 RPM.

*CR=dynamic load rating, Co=static load rating.

** Smaller bolt sizes are acceptable with the use of flat washers

Stainless Mounted Bearings

Flanged Units – Setscrew Locking 3 Bolt Flange – Setscrew Locking; Extended Inner Race

Features —

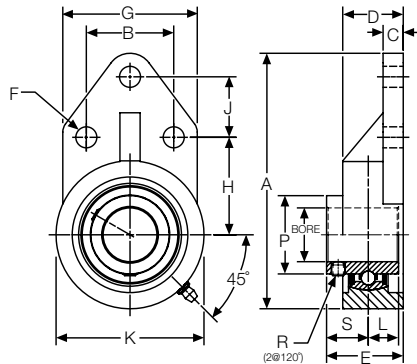
Synthetic lip seal with stainless steel flinger provides superior protection for high pressure washdown conditions.

Pre-filled with NSF H1 food grade grease.

Cast stainless steel housing.

Laser marked.

M6 grease fitting.



Stainless Steel Material	
AISI 304	AISI 440
Flange, cage, shield, setscrew, seal	Balls, inner/outer ring

ALL DIMENSIONS IN INCHES

Catalog Number	Bore Size	Dimensions (in)														Load Rating* (lbf)	
		A	B	C	D	E	Bolt Size F**	G	H	J	K	L	P	R (UNF)	S	CR	Co
SSUFB4-3/4	3/4	4-1/4	1-1/2	5/16	1	1.35	5/16	2-3/8	1-11/16	7/8	2-1/2	0.500	1.142	1/4-28	0.850	2,901	1,507
SSUFB5-1	1	4-3/4	1-5/8	3/8	1-5/64	1.43	5/16	2-1/2	1-13/16	1-1/8	2-3/4	0.563	1.339	1/4-28	0.867	3,175	1,782
SSUFB6-1-3/16	1-3/16	5-3/8	1-7/8	3/8	1-7/64	1-19/32	5/16	2-3/4	2-1/16	1-1/4	3-1/4	0.626	1.591	1/4-28	0.968	4,431	2,558
SSUFB7-1-1/4	1-1/4	6-1/8	2	1/2	1-1/4	1-3/4	7/16	3-1/4	2-3/8	1-1/4	3-3/4	0.689	1.866	5/16-24	1.061	5,847	3,472
SSUFB7-1-7/16	1-7/16	6-1/8	2	1/2	1-1/4	1-3/4	7/16	3-1/4	2-3/8	1-1/4	3-3/4	0.689	1.866	5/16-24	1.061	5,847	3,472
SSUFB8-1-1/2	1-1/2	6-15/32	1-31/32	5/8	1-13/32	2-1/64	3/8	3-1/16	2-3/8	1-5/8	3-15/16	0.748	2.075	5/16-24	1.267	6,632	4,069
SSUFB10-1-15/16	1-15/16	7-1/2	2-3/4	1/2	1-1/2	2-5/32	7/16	4	2-15/16	1-5/8	4-5/8	0.748	2.465	3/8-24	1.408	7,868	5,216

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore Size	Mounted Bearing		Bearing Insert	
	Catalog Number	Item Code	Catalog Number	Item Code
3/4	SSUFB4-3/4	G05908	SSUC204-12	G01171
1	SSUFB5-1	G05909	SSUC205-16	G01172
1-3/16	SSUFB6-1-3/16	G05910	SSUC206-19	G01173
1-1/4	SSUFB7-1-1/4	G05911	SSUC207-20	G01174
1-7/16	SSUFB7-1-7/16	G05912	SSUC207-23	G01175
1-1/2	SSUFB8-1-1/2	G05913	SSUC208-24	G05922
1-15/16	SSUFB10-1-15/16	G05914	SSUC210-31	G05923

NOTES: Bore tolerance: +.001"/-.000".

Recommended shaft tolerance: Nominal +.000"/-.001".

Max recommended speed is 5000 RPM.

*CR=dynamic load rating, Co=static load rating.

** Smaller bolt sizes are acceptable with the use of flat washers

Stainless Mounted Bearings

Take Up Units – Setscrew Locking

Wide Slot Take Up Unit – Setscrew Locking; Extended Inner Race

F



Features —

Synthetic lip seal with stainless steel flinger provides superior protection for high pressure washdown conditions.

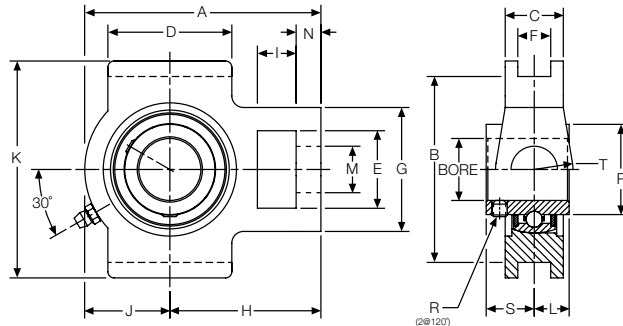
Pre-filled with NSF H1 food grade grease.

Cast stainless steel housing.

Laser marked.

M6 grease fitting.

Stainless Steel Material	
AISI 304	AISI 440
Flange, cage, shield, setscrew, seal	Balls, inner/outer ring



ALL DIMENSIONS IN INCHES

Catalog Number	Bore Size	Dimensions (in)																	Load Rating* (lbf)	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R (UNF)	S	CR	CO
SSUT4-3/4	3/4	3-11/16	2-63/64	13/16	2-1/64	1.250	0.469	2-1/64	2-13/32	0.625	1-9/32	3-1/2	0.500	0.750	0.391	1.142	1/4-28	0.721	2,901	1,507
SSUT5-1	1	3-13/16	2-63/64	15/16	2-1/64	1.250	0.469	2-1/64	2-7/16	0.625	1-3/8	3-1/2	0.563	0.750	0.391	1.339	1/4-28	0.780	3,175	1,782
SSUT6-1-3/16	1-3/16	4-29/64	3-1/2	1-3/32	2-1/4	1.453	0.469	2-7/32	2-3/4	0.625	1-45/64	4-1/64	0.626	0.859	0.391	1.591	1/4-28	0.874	4,431	2,558
SSUT7-1-1/4	1-1/4	5-5/64	3-1/2	1-3/16	2-33/64	1.453	0.469	2-33/64	3-5/64	0.625	2	4-1/64	0.689	0.859	0.516	1.866	5/16-24	1.000	5,847	3,472
SSUT7-1-7/16	1-7/16	5-5/64	3-1/2	1-3/16	2-33/64	1.453	0.469	2-33/64	3-5/64	0.625	2	4-1/64	0.689	0.859	0.516	1.866	5/16-24	1.000	5,847	3,472
SSUT8-1-1/2	1-1/2	5-43/64	4-1/64	1-5/16	3-17/64	1.938	0.625	3-17/64	3-1/2	0.750	2-11/64	4-31/64	0.748	1.141	0.625	2.075	5/16-24	1.189	6,632	4,069
SSUT10-1-15/16	1-15/16	5-55/64	4-1/64	1-15/32	3-17/64	1.938	0.625	3-17/64	3-35/64	0.750	2-5/16	4-39/64	0.748	1.141	0.625	2.465	3/8-24	1.284	7,868	5,216

ORDER BY CATALOG NUMBER OR ITEM CODE

Bore Size	Mounted Bearing		Bearing Insert	
	Catalog Number	Item Code	Catalog Number	Item Code
3/4	SSUT4-3/4	G05915	SSUC204-12	G01171
1	SSUT5-1	G05916	SSUC205-16	G01172
1-3/16	SSUT6-1-3/16	G05917	SSUC206-19	G01173
1-1/4	SSUT7-1-1/4	G05918	SSUC207-20	G01174
1-7/16	SSUT7-1-7/16	G05919	SSUC207-23	G01175
1-1/2	SSUT8-1-1/2	G05920	SSUC208-24	G05922
1-15/16	SSUT10-1-15/16	G05921	SSUC210-31	G05923

NOTES: Bore tolerance: +.001"/-.000".

Recommended shaft tolerance: Nominal +.000"/-.001".

Max recommended speed is 5000 RPM.

*CR=dynamic load rating, CO=static load rating.