

BEARING UNITS

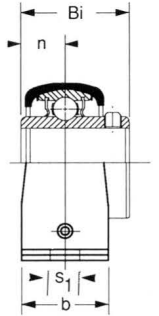
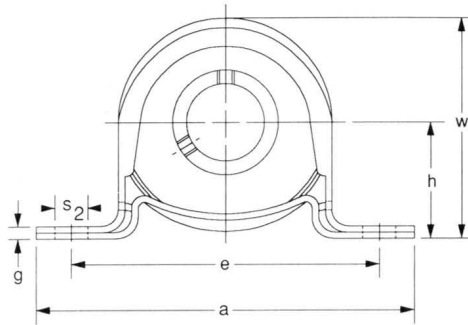


PILLOW BLOCKS - PRESSED STEEL

UCPP 200 Series

Normal Duty

Set Screw Locking



BEARING
UNITS

Unit No.	Shaft Dia.		Dimensions inch / mm										Bearing No.	Housing No.	Weight Lbs kg
	In.	mm	h	a	e	b	S1	S2	w	g	Bi	n			
UCPP 201-8	1/2												UC 201-8		
202-10	5/8												202-10		
204		20	1 25.40	4-1/8 105	2-63/64 76	31/32 25	13/32 10	1/2 13	2-3/52 53	0.157 4	1.220 31	0.500 12.7	PP204ST		0.48 0.22
204-12	3/4												204-12		
UCPP 205		25											UC 205		
205-14	7/8												205-14		
205-15	15/16												205-15		
205-16	1		1-1/8 28.58	4-19/64 109	3-25/64 86	1-3/16 29	13/32 10	9/16 14	2-7/32 56	0.197 5	1.339 34	0.563 14.3	PP205ST		0.68 0.31
UCPP 206		30											UC 206		
206-17	1-1/16												206-17		
206-18	1-1/8		1-5/16 33.34	4-7/8 124	3-3/4 95	1-1/4 32	13/32 10	9/16 14	2-5/8 67	0.236 6	1.500 38.1	0.626 15.9	PP206ST		1.03 0.47
206-19	1-3/16												206-19		
206-20	1-1/4S												206-20		
UCPP 207		35											UC 207		
207-20	1-1/4												207-20		
207-21	1-5/16		1-9/16 39.69	5-3/4 146	4-1/4 108	1-19/64 33	1/2 13	3/4 19	3-1/8 79	0.236 6	1.689 42.9	0.689 17.5	PP207ST		1.61 0.73
207-22	1-3/8												207-22		
207-23	1-7/16												207-23		

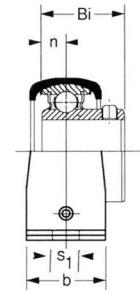
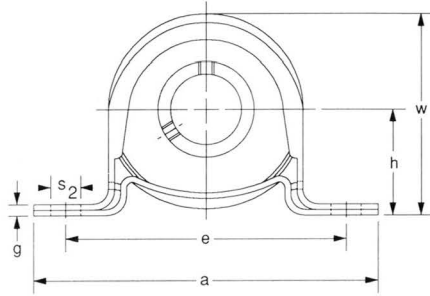
Standard Stock Item is Snap Together Type and Zinc Plated.

BEARING UNITS



PILLOW BLOCKS - PRESSED STEEL SBPP 200 Series

Light Duty
Set Screw Locking



BEARING
UNITS

Unit No.	Shaft Dia.		Dimensions inch / mm										Bearing No.	Housing No.	Weight Lbs kg
	In.	mm	h	a	e	b	S ₁	S ₂	w	g	Bi	n			
SBPP 201-8 202-10	1/2 5/8		7/8 22.22	3-5/8 92	2-11/16 68	31/32 25	11/32 9	1/2 13	1-3/4 44	0.157 4	0.866 22	0.236 6.0	SB 201-8 202-10	PP203ST	0.37 0.17
SBPP 204 204-12	3/4	20	1 25.40	4-1/8 105	2-63/64 76	31/32 25	13/32 10	1/2 13	2-3/32 53	0.157 4	0.984 25	0.276 7.0	SB 204 204-12	PP204ST	0.48 0.22
SBPP 205 205-14 205-15 205-16	7/8 15/16 1	25	1-1/8 28.58	4-19/64 109	3-25/64 86	1-3/16 29	13/32 10	9/16 14	2-7/32 56	0.197 5	1.063 27	0.295 7.5	SB 205 205-14 205-15 205-16	PP205ST	0.68 0.31
SBPP 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4S	30	1-5/16 33.34	4-7/8 124	3-3/4 95	1-1/4 32	13/32 10	9/16 14	2-5/8 67	0.236 6	1.181 30	0.315 8.0	SB 206 206-17 206-18 206-19 206-20	PP206ST	1.03 0.47
SBPP 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	1-9/16 39.69	5-3/4 146	4-1/4 108	1-19/64 33	1/2 13	3/4 19	3-1/8 79	0.236 6	1-1/4 32	0.335 8.5	SB 207 207-20 207-21 207-22 207-23	PP207ST	1.61 0.73

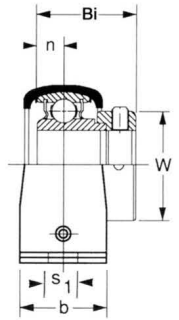
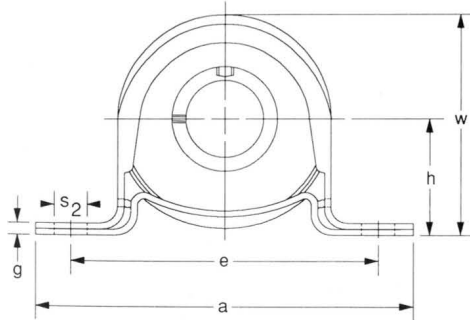
Standard Stock Item is Snap Together Type and Zinc Plated.

BEARING UNITS



PILLOW BLOCKS - PRESSED STEEL SAPP 200 Series

Light Duty
Eccentric Collar Locking



Unit No.	Shaft Dia.		Dimensions inch / mm											Bolt Size	Bearing No.	Housing No.	Weight Lbs kg
	In.	mm	h	a	e	b	S1	S2	w	g	Bi	n	W				
SAPP 201-8 202-10	1/2 5/8		7/8 22.22	3-5/8 92	2-11/16 68	31/32 25	11/32 9	1/2 13	1-3/4 44	0.157 4	1.126 28.6	0.236 6.0	1-1/8 28.6	5/16 M8	SA 201-8 202-10	PP203ST	0.44 0.20
SAPP 204 204-12	3/4	20	1 25.40	4-1/8 105	2-63/64 76	31/32 25	13/32 10	1/2 13	2-3/32 53	0.157 4	1.220 31.0	0.276 7.0	1-1/4 32.0	5/16 M8	SA 204 204-12	PP204ST	0.53 0.24
SAPP 205 205-14 205-15 205-16	7/8 15/16 1	25	1-1/8 28.58	4-19/64 109	3-25/64 86	1-3/16 29	13/32 10	9/16 14	2-7/32 56	0.197 5	1.220 31.0	0.295 7.5	1-1/2 38.1	3/8 M10	SA 205 205-14 205-15 205-16	PP205ST	0.73 0.33
SAPP 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4S	30	1-5/16 33.34	4-7/8 124	3-3/4 95	1-1/4 32	13/32 10	9/16 14	2-5/8 67	1/4 6	1.406 35.7	0.315 8.0	1-3/4 44.5	3/8 M10	SA 206 206-17 206-18 206-19 206-20	PP206ST	1.10 0.50
SAPP 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	1-9/16 39.69	5-3/4 146	4-1/4 108	1-19/64 33	1/2 13	3/4 19	3-1/8 79	1/4 6	1.531 38.9	0.335 8.5	2-15/64 56.6	3/8 M10	SA 207 207-20 207-21 207-22 207-23	PP207ST	1.65 0.75

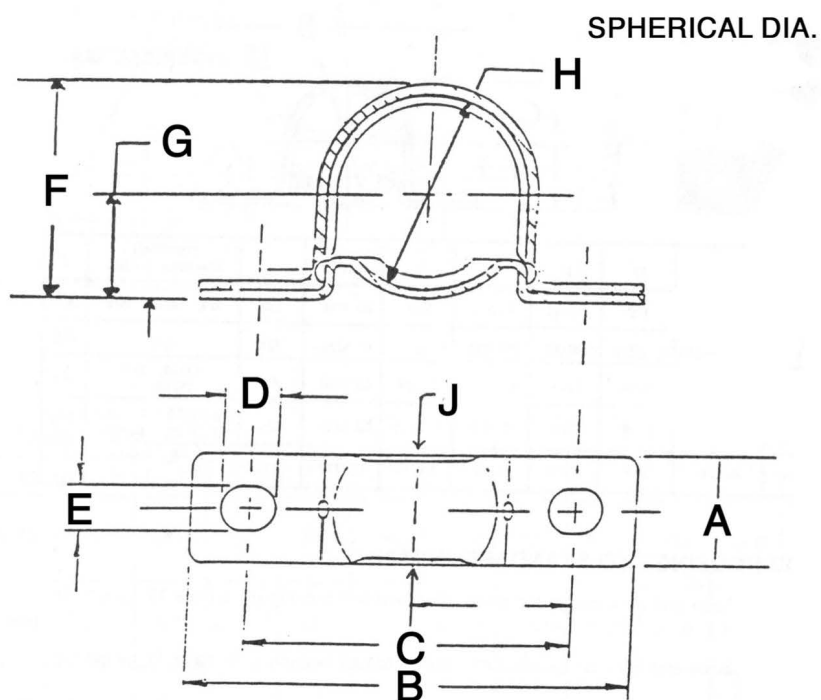
Standard Stock Item is Snap Together Type and Zinc Plated.

PRESSED STEEL HOUSINGS



SNAP-TOGETHER - PILLOW BLOCK

Heavy duty steel pillow block sets for standard ball bearing units



Stamping #	For Shaft Diameter Inches	A	B	C	D	E	F	G	H	J
PP203ST	1/2, 9/16, 5/8	1	3-5/8	2-11/16	1/2	11/32	1-3/4	7/8	40 MM	13/16
PP204ST	3/4	1	4-1/8	3	1/2	13/32	2-1/16	1	47 MM	29/32
PP205ST	13/16, 7/8, 15/16, 1	1-1/8	4-1/2	3-3/8	9/16	13/32	2-7/32	1-1/8	52 MM	1
PP206ST	1-1/16, 1-1/8, 1-3/16, 1-1/4	1-1/4	4-7/8	3-3/4	9/16	13/32	2-5/8	1-5/16	62 MM	1-3/16
PP207ST	1-1/4, 1-5/16, 1-3/8, 1-7/16	1-5/16	5-3/4	4-1/4	3/4	17/32	3-1/8	1-9/16	72 MM	1-7/32

Standard Stock Item is Snap Together Type and Zinc Plated.



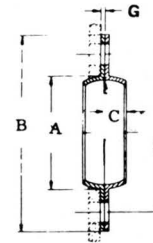
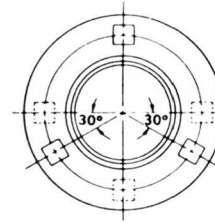
BEARING
UNITS

PRESSED STEEL HOUSINGS



ROUND FLANGETTE STANDARD BALL BEARING UNITS

- Two flanges are required to house a standard ball bearing unit.
- The spherical inside surface of each pair of flanges mates with the spherical outer surfaces of the ball bearing rings to provide self-alignment in any direction



BEARING
UNITS

PF203 - PF207
THREE HOLES

PF208-PF211
FOUR HOLES

Tamping Number	Shaft Size	A Minimum Frame Opening	B Flange Diameter	C Flange Shoulder Width	G Stock Thickness	Bolt size	D Bolt Hole Circle Diameter	Hole Width	FAFNIR	SKF	MRC	New Departure
PF203	1/2 & 5/8	1-15/16	3-3/16	9/32	0.075	1/4	2-1/2	9/32	40MS	F-40		
PF204	3/4	2-3/16	3-9/16	5/16	0.083	5/16	2-13/16	11/32	47MS	F-47	47MS-3	FL47
PF205	7/8, 15/16 & 1	2-3/8	3-3/4	11/32	0.083	5/16	3	11/32	52MS	F-52	52MS-3	FL52
PF206	1-1/16, 1-1/8, 1-3/16, 1-1/4	2-13/16	4-7/16	11/32	0.104	3/8	3-9/16	13/32	62MS	F-62	62MS-3	FL62
PF207	1-1/4, 1-5/16, 1-3/8, 1-7/16	3-3/16	4-13/16	3/8	0.104	3/8	3-15/16	13/32	72MS	F-72	72MS-3	FL72
PF208	1-1/2, 1-9/16	3-9/16	5-13/16	13/32	0.134	1/2	4-11/16	17/32	80MS	F-80	80MS	FL-80
PF209	1-5/8, 1-11/16, 1-3/4	3-13/16	5-7/8	7/16	0.134	1/2	4-3/4	17/32	85MS	F-85	85MS	FL85
PF210	1-13/16, 1-7/8, 1-15/16, 2	4	6-1/8	7/16	0.149	1/2	5	17/32	90MS	F-90	90MS	FL90
PF211	2, 2-1/16, 2-1/8, 2-3/16	4-7/16	6-9/16	15/32	0.149	1/2	5-7/16	17/32	100MS			FL100

Standard Stock Item is Zinc Plated

PRESSED STEEL HOUSINGS



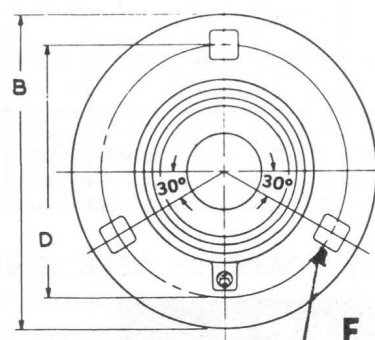
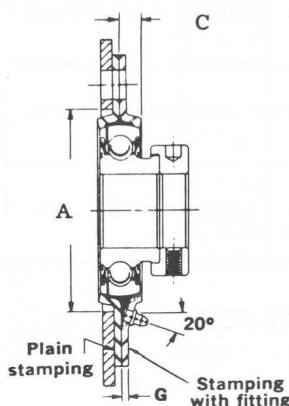
RELUBE ROUND FLANGETTE

Three-Bolt And Four-Bolt Flanges For
Standard Ball Bearing Units

The flange with the grease fitting has an inner grease groove, which allows the grease to enter the holes in the outer ring of the ball bearing. The other matching flange has a similar grease groove, so the ball bearing can be reversed and still be lubricated.



BEARING
UNITS



HOLE WIDTH (SQ.)
TOLERANCE $\pm .005$

Dimensions of relube steel flanges

Stamping Number	Flange Without Fitting	Shaft Size	A Minimum Frame Opening	B Flange Diameter	C Flange Shoulder Width	G Stock Thickness	Bolt Size	D Bolt Hole Circle Diameter	E Hole Width
PF204G	PF204GP	3/4	2-3/16	3-9/16	5/16	0.083	5/16	2-13/16	11/32
PF205G	PF205GP	13/16, 7/8, 15/16, 1	2-3/8	3-3/4	11/32	0.083	5/16	3	11/32
PF206G	PF206GP	1-1/16, 1-1/8, 1-3/16, 1-1/4	2-13/16	4-7/16	3/8	0.104	3/8	3-9/16	13/32
PF207G	PF207GP	1-1/4, 1-5/16, 1-3/8, 1-7/16	3-3/16	4-13/16	7/16	0.104	3/8	3-15/16	13/32
PF208G	PF208GP	1-1/2, 1-9/16	3-9/16	5-13/16	5/8	0.134	1/2	4-11/16	17/32
PF209G	PF209GP	1-5/8, 1-11/16, 1-3/4	3-13/16	5-7/8	5/8	0.134	1/2	4-3/4	17/32
PF210G	PF210GP	1-13/16, 1-7/8, 1-15/16	4	6-1/8	1/2	0.149	1/2	5	17/32
PF211G	PF211GP	2, 2-1/16, 2-1/8, 2-3/16	4-7/16	6-9/16	21/32	0.149	1/2	5-7/16	17/32

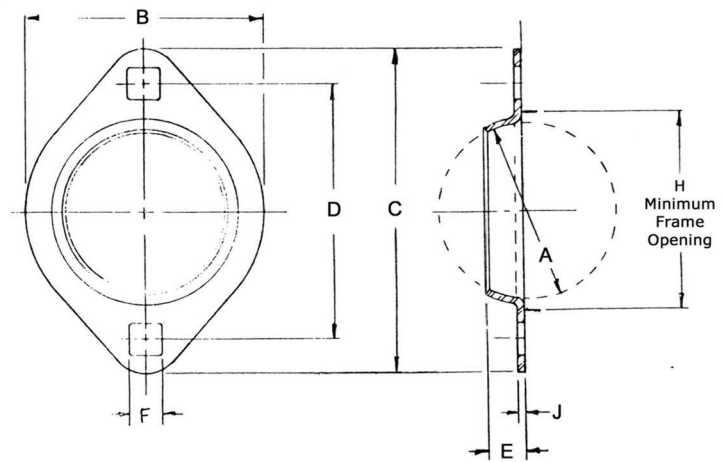
Standard Stock Item is Zinc Plated

PRESSED STEEL HOUSINGS



TWO-BOLT FLANGETTE FOR STANDARD BALL BEARING UNITS

- One housing unit consists of two identical self-aligning flanges.
- Each pair of flanges has a spherical inside surface which mates with the spherical outer surface of the ball bearing ring to provide self-alignment in any direction.



BEARING
UNITS

Stamping Number	Shaft Size	A	B	C	D	E	F	H	J	Bolt Size	Radial load Rating Lbs	FAFNIR	SKF	NTN
PFL203	1/2 & 5/8	40 mm	2-5/16	3-3/16	2-1/2	9/32	9/32	1-15/16	0.075	1/4	600	40MST	FT-40	PFL203
PFL204	3/4	47 mm	2-5/8	3-9/16	2-13/16	5/16	11/32	2-3/16	0.083	5/16	700	47MST	FT-47	PFL204
PFL205	7/8 to 1	52 mm	2-51/64	3-3/4	3	11/32	11/32	2-3/8	0.083	5/16	800	52MST	FT-52	PFL205
PFL206	1-1/16 to 1-1/4	62 mm	3-5/16	4-7/16	3-9/16	11/32	13/32	2-13/16	0.104	3/8	1100	62MST	FT-62	PFL206
PFL207	1-1/4 to 1-7/16	72 mm	3-11/16	4-15/16	3-15/16	7/16	13/32	3-3/16	0.104	3/8	1400	72MST		PFL207

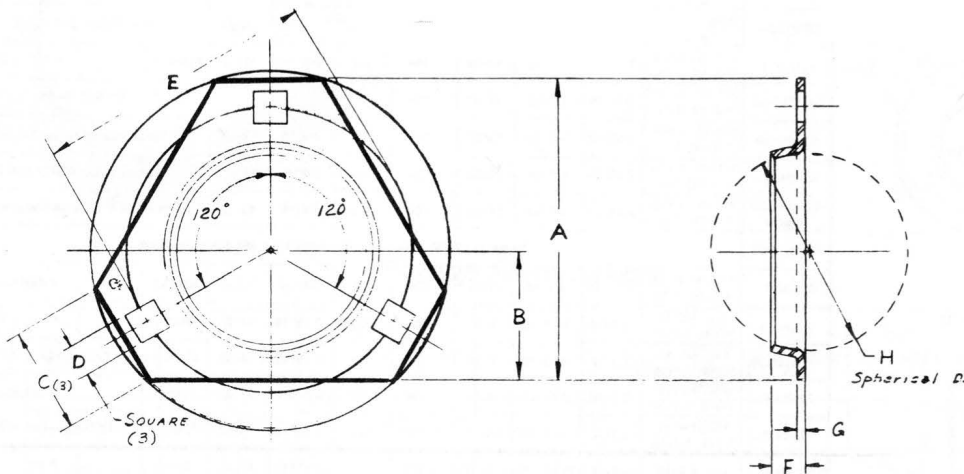
Standard Stock Item is Zinc Plated

PRESSED STEEL HOUSINGS



TRIANGULAR THREE-BOLT FLANGES FOR STANDARD BALL BEARING UNITS

- Each pair of flanges has a spherical inside surface which mates with the spherical outer surface of the ball bearing ring to provide self-alignment in any direction.
- A minimum space is required for installation, they are used where space is limited.



Dimensions of pressed steel flanges

Stamping Number	Shaft Size	A	B	C	D + -.005	E	F	G	H	Minimum Frame Opening
PFT203	1/2 & 5/8	2-23/32	1-1/8	13/16	9/32	2-1/2	9/32	0.075	40MM	1-15/16
PFT204	3/4	3	1-5/16	1-1/16	11/32	2-13/16	5/16	0.083	47MM	2-3/16
PFT205	7/8, 15/16 & 1	3-1/8	1-3/8	1-3/32	11/32	3	11/32	0.083	52MM	2-3/8
PFT206	1-1/16, 1-1/8, 1-3/16, 1-1/4	3-11/16	1-1/2	1	13/32	3-9/16	11/32	0.104	62MM	2-13/16
PFT207	1-1/4, 1-5/16, 1-3/8, 1-7/16	4-5/32	1-3/4	1-17/64	13/32	3-15/16	3/8	0.104	72MM	3-3/16

Standard Stock Item is Zinc Plated



BEARING
UNITS

PRESSED STEEL HOUSINGS



RUBBER BOOTS OR GROMMETS

- Rubber boots are used in special applications, where the application requires a minimum of vibration and noise proof mounting, oil resisting, static-conductive nitrile rubber boots or grommets are used.



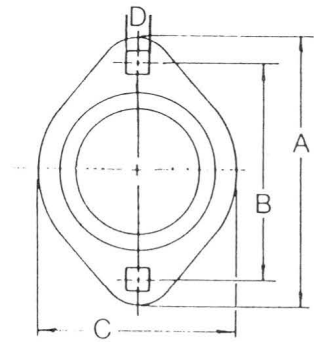
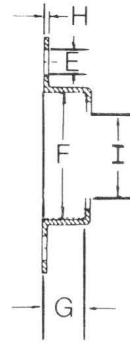
BEARING
UNITS

RUBBER BALL BEARING BOOTS OR GROMMETS	
R-4	For 40 MM Bearing - Mount with 47 MM Housing
R-5	For 47 MM Bearing - Mount with 52 MM Housing
R-6	For 52 MM Bearing - Mount with 62 MM Housing
R-7	For 62 MM Bearing - Mount with 72 MM Housing

PRESSED STEEL HOUSINGS



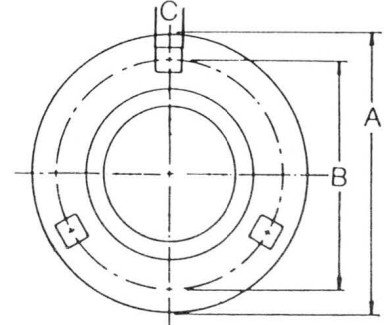
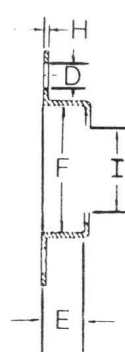
TWO BOLT FLUSH MOUNTS MFM



Part No.	Shaft Size	Dimensions (In.)								
		A	B	C	D	E	F	G	H	I
40-2-MFM	1/2, 9/16 5/8	3-3/16	2-1/2	2-5/16	9/32 Square	9/32 Square	1.5748 (40 mm)	0.512	0.074	1.250
47-2-MFM	3/4	3-9/16	2-13/16	2-5/8	11/32 Square	11/32 Square	1.8504 (47 mm)	0.590	0.074	1.428
52-2-MFM	13/16, 7/8 15/16, 1	3-3/4	3	2-51/64	11/32 Square	11/32 Square	2.0472 (52 mm)	0.590	0.074	1.625
62-2-MFM	1-1/16, 1-1/8 1-3/16, 1-1/4	4-7/16	3-9/16	3-1/4	13/32 Square	13/32 Square	2.4409 (62 mm)	0.709	0.089	2.018

Standard Stock Item is Zinc Plated

THREE BOLT FLUSH MOUNTS MFM



Part No.	Shaft Size	Dimensions (In.)							
		A	B	C	D	E	F	H	I
40-3-MFM	1/2, 9/16 5/8	3-3/16	2-1/2	9/32	9/32	0.512	1.5748 (40 mm)	0.074	1.153
47-3-MFM	3/4	3-9/16	2-13/16	11/32	11/32	0.590	1.8504 (47 mm)	0.074	1.428
52-3-MFM	13/16, 7/8 15/16, 1	3-3/4	3	11/32	11/32	0.590	2.0472 (52 mm)	0.074	1.625
62-3-MFM	1-1/16, 1-1/8 1-3/16, 1-1/4	4-7/16	3-9/16	13/32	13/32	0.709	2.4409 (62 mm)	0.089	2.018

Standard Stock Item is Zinc Plated



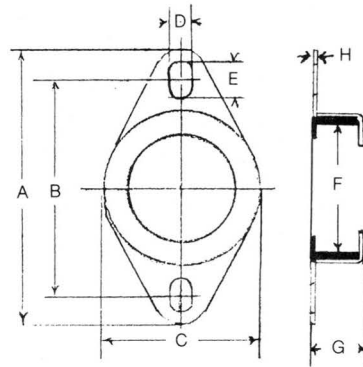
BEARING
UNITS

PRESSED STEEL HOUSINGS



TWO BOLT FLUSH MOUNTS (Rubber Booted)

- Flush mounth zinc plated pressed steel two-bolt units including static conductive rubber boots for noise and vibration.
- Needs no frame opening.
- Designed for standard ball bearings with cylindrical OD of 40mm, 47mm and 52mm.
- Covers all standard shaft sizes from 1/2" thru 1".
- Choose proper unit number for your application from chart below.



BEARING
UNITS

Unit No. (Each unit includes : 1 Stamped Housing & 1 Rubber Boot.)	Shaft Size	Dimensions (In.)								Rubber Boot No.	Stamped Housing No.
		A	B	C	D	E	F	G	H		
728-2-MFM	1/2, 5/8, 9/16, 11/16	4	3	2	0.451	3/4	1.5748 (40 mm)	5/8	16 GA.	R-728	SH-728-2
729-2-MFM	3/4	4-1/2	3-3/8	2-1/2	0.451	3/4	1.8504 (47 mm)	3/4	16 GA.	R-729	SH-730-2
730-2-MFM	13/16, 7/8, 15/16, 1	4-1/2	3-3/8	2-1/2	0.451	3/4	2.0472 (52 mm)	3/4	16 GA.	R-730	SH-730-2

Standard Stock Item is Zinc Plated