

GRIP TIGHT[®]

ADAPTER

Expansion Ball Bearing Pillow Block

The revolutionary DODGE GRIP TIGHT adapter ball bearing* is recognized as the problem solving housed ball bearing in the industry. DODGE is pleased to now offer GRIP TIGHT expansion pillow blocks for applications that exhibit axial expansion.



GRIP TIGHT expansion features:

- Expansion bearing (GTH) provides for axial shaft growth or expansion due to elevated temperatures or other conditions causing shaft movement.
- Thin wall adapter mounted ball bearing with 360° press fit for the full bearing length reduces typical vibration caused by traditional setscrew designs
- Approved to operate at higher speeds versus setscrew, eccentric, and concentric clamp collar designs
- Ideal for use with commercial grade shafting
- Press fit adapter does not cause costly fretting corrosion damage to the shaft, reducing maintenance costs
- Locknut acts as bearing puller during disassembly by loosening bearing from adapter
- Use GTH Expansion bearing with GTM Medium Duty fixed location bearing
- Interchangeable mounting dimensions with existing setscrew, eccentric collar and concentric clamp collar products

- ✓ Textiles
- ✓ Printing
- ✓ Glass Manufacturing
- ✓ Air Handling

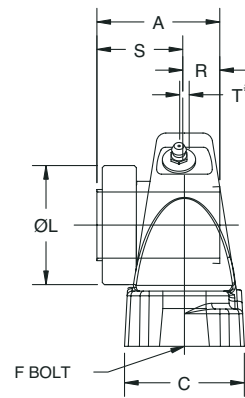
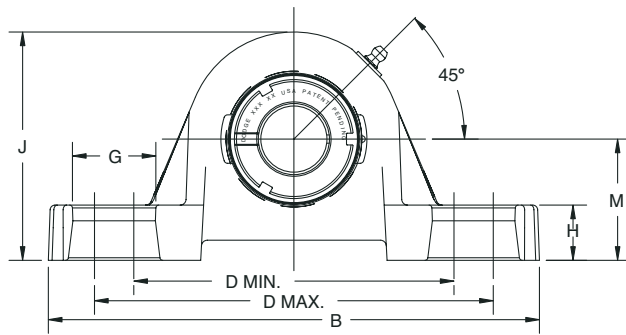


Typical fretting corrosion and shaft damage with eccentric collar bearing. Bearing quite often is "frozen" to shaft



No fretting corrosion or shaft damage with GRIP TIGHT adapter ball bearing. Bearing is easily removed from shaft.

GRIP TIGHT EXPANSION PILLOW BLOCK



Series	Shaft Size	Complete Unit		Unit w/o Adapter Sleeve & Lock Nut		Unit w/o Adapter Sleeve & Lock Nut	
		Part Number	Description	Part Number	Description	Part Number	Description
206	1 3/16	130691	P2B-GTH-103-E	130697	P2B-GTH-06-E	129099	AN-GT-06-103
	1 1/4	@	P2B-GTH-104S-E			199910	AN-GT-06-104S
	30mm	@	P2B-GTH-30M-E			129945	AN-GT-06-30M
207	1 7/16	130692	P2B-GTH-107-E	130698	P2B-GTH-07-E	129913	AN-GT-07-107
	35mm	@	P2B-GTH-35M-E			129946	AN-GT-07-35M
209	1 11/16	130693	P2B-GTH-111-E	130699	P2B-GTH-09-E	129916	AN-GT-09-111
	1 3/4	@	P2B-GTH-112-E			129917	AN-GT-09-112
	45mm	@	P2B-GTH-45M-E			129948	AN-GT-09-45M
210	1 15/16	130694	P2B-GTH-115-E	130700	P2B-GTH-10-E	129918	AN-GT-10-115
	250mm	@	P2B-GTH-200-E			129919	AN-GT-10-200
		@	P2B-GTH-50M-E			129949	AN-GT-10-50M
211	2 3/16	130695	P2B-GTH-203-E	130701	P2B-GTH-11-E	129920	ANGT-11-203
	2 1/4	@	P2B-GTH-204-E			129956	AN-GT-11-204
	55mm	@	P2B-GTH-55M-E			129950	AN-GT-11-55M
212	2 7/16	130696	P2B-GTH-207-E	130702	P2B-GTH-12-E	129921	AN-GT-12-207
	66mm	@	P2B-GTH-60M-E			129951	AN-GT-12-60M

Series	Shaft Size	Weight lbs kg	A	B	C	min.	max.	F Bolt Dia.	G	H	J	L	M	R#	S#	T Total Expansion	U	V	W	X ®	Z
206	1 3/16	5.0	1	6 7/8	2	4	5 7/16	1/2	1	11/16	3	2	1 7/8	1 7/3	1 5/6	3/16	3 1/8	6 1/4	11/16	3/16	1 1/32
	1 1/4	5.0	39/64	174.6	50.8	11/16	138.1	M12	25.4	17.5	13/16	51.0	47.6	213.5	427.4	4.8	79.4	158.8	17.5	4.8	26.2
	30mm	1.5	40.9			119.1					96.8										
207	1 7/16	6.9	1 5/8	7 15/16	2 1/3	5 1/16	6 5/16	1/2	1 3/16	3/4	4 3/16	2 19/64	2 1/8	9/16	1 1/16	3/16	3 11/16	7 3/8	23/32	3/16	1 3/64
	35mm	2.1	41.3	201.6	251.6	128.6	160.3	M12	30.2	19.1	103.4	58.3	54.0	14.3	27.0	4.8	93.7	187.3	18.3	4.8	26.6
209	1 11/16	9.2	1	8 1/8	2 3/8	6	6 1/2	5/8	15/16	3/4	4 9/16	2	2 1/4	2 1/3	1 3/16	1/4	3	7 3/8	13/16	3/16	1 5/32
	1 3/4	9.2	27/32	206.4	60.3	152.4	165.1	M16	23.8	19.1	115.9	43/64	57.2	216.7	30.2	6.4	11/16	187.3	20.6	4.8	29.4
	5mm	2.8	46.8								67.9						93.7				
210	15/16	10.8	1	9 1/22	2 1/2	6	7 1/2		1 7/16	7/8	5 3/32	2	2 1/2	2 1/3	1	1/4	4 3/8	8 3/4	7/8	3/16	1 5/32
	2	10.8	55/64	41.3	63.5	152.4	190.5		36.5	22.2	129.4	15/16	63.5	216.7	13/64	6.4	111.1	222.3	22.2	4.8	29.4
	50mm	3.3	47.2								74.6				30.6						
211	2 3/16	15.7	1	10 1/4	3	6 5/8	7 7/8	5/8	1 7/16	1 1/16	5 5/8	3 1/4	2 3/4	4 5/6	1 7/3	1/4	4 3/4	9 1/2	1 1/82	3/16	1 3/16
	2 1/4	15.7	59/64	260.4	76.2	168.3	200.0	M16	36.5	27.0	142.9	82.6	69.9	417.9	231.0	6.4	120.7	241.3	8.6	4.8	30.2
	55mm	4.8	48.8																		
212	2 7/16	20.1	2 7/6	11 1/4	3 1/4	7 3/16	8 13/16	3/4	1 5/8	1 1/16	6 1/4	3 1/2	3	4 9/64	1 11/3	1/4	5 1/4	10 1/2	1 1/43	3/16	1 5/16
	60mm	6.1	453.6	285.8	82.6	182.6	3.8	M18	41.3	27.0	158.8	88.9	76.2	19.4	234.1	6.4	133.4	266.7	1.8	4.8	33.3

R & S dimensions will vary slightly depending on true shaft diameter

www.baldor.com www.ptplace.com www.dodge-pt.com www.reliance.com



Baldor Electric Company Headquarters

P.O. Box 2400, Fort Smith, AR 72902-2400 U.S.A., Ph: (1) 479.648.5792, Fax (1) 479.648.5792, International Fax (1) 479.648.5895

DODGE/Reliance Division

6040 Ponders Court, Greenville, SC 29615-4617 U.S.A., Ph: (1) 864.297.4800, FAX: (1) 864.281.2433

RAPS-1120-1 4/07-10M-K Copyright © 2007 Baldor Electric Company All Rights Reserved. Printed in USA.

This material is not intended to provide operational instructions. Appropriate instruction manuals and precautions should be studied prior to installation, operation or maintenance of equipment.