

# BEARINGS

tapered, flange & more



**HANGAR DOOR PARTS (HDP)** only promotes bottom rollers that are made with the highest quality alloy for the longest wear possible for using on Bi-Fold and Rolling Door Systems. Bi-Fold Door operation is pivotal for the safe, smooth lifting and lowering of the door load on the frame. The bearing facilitates these movements. High-quality bearing ability is paramount for the safety and efficiency of any door system!

Some systems rely on the yoke, cam style rollers and others rely on a ball-bearing style for the larger doors. It is recommended that the roller be installed true to the door frame and the surface of the axle is lubricated so that replacement and maintenance is done with ease.

**Proper care and maintenance will extend life of a bearing.** The lower roller is a wear part. Be sure to never grease the track in which the roller rides as it will attract dirt, increase the friction coefficient, and add strain to the Bi-Fold Door.

*Don't see the size you need?  
Don't worry because HANGAR DOOR PARTS can customize to fit your needs!*



## TAPERED ROLLER BEARINGS

These single-tapered roller bearings are suitable for hangar door applications that support both radial and axial loads. Generally mounted in opposing pairs on a shaft to evenly distribute loads, these tapered roller bearings are made of high-alloy steel for durability, heat tolerance, and resistance to deformity under heavy loads. It is for use in high-load, moderate-speed applications in heavy duty industries among many other applications.

SKU	DESCRIPTION	CAGE TYPE	CONE (B)	BORE (ID) (d)	OD (D)	BEARING WIDTH (T)	DYNAMIC LOAD RATING* (C1)
BRG125A	Imperial Tapered Roller Bearing Assembly (14125A/14276)	Steel	0.771"	1.25"	2717"	0.781"	12300 lbf
BRG14125A	Cone/Inner Ring (14125A)						
BRG4276	Race/Cup/Outer Ring (14276)						
BRGA003	Imperial Tapered Roller Bearing Assembly (2796/2729)	Steel	1.010"	1.375"	3"	0.937"	19500 lbf
BRG2796	Cone/Inner Ring (2796)						
BRG2729	Race/Cup/Outer Ring (2729)						
BRGA15C	Imperial Tapered Roller Bearing Assembly (2776/2720)	Steel	1.010"	1.5"	3"	0.937"	19500 lbf
BRG2776	Cone/Inner Ring (2776)						
BRG2720	Race/Cup/Outer Ring (2720)						
BRGA002	Imperial Tapered Roller Bearing Assembly (49585/49520)	Steel	1.250"	2"	4"	1.250"	35400 lbf
BRG4958	Cone/Inner Ring (49585)						
BRG4952	Race/Cup/Outer Ring (49520)						
BRGA001	Imperial Tapered Roller Bearing Assembly (475/472)	Steel	1.142"	2.165"	4.724"	1.173"	32200 lbf
BRG0475	Cone/Inner Ring (475)						
BRG0472	Race/Cup/Outer Ring (472)						
	Imperial Tapered Roller Bearing Assembly (687/672)	Steel	1.625"	4"	6.625"	1.625"	59500 lbf
BRG0687	Cone/Inner Ring (687)						
BRG0672	Race/Cup/Outer Ring (672)						

\* Dynamic Load Rating is based on 1 million revolutions (Based on  $1 \times 10^6$  revolutions  $L_{10}$  life, for the ISO life calculation method).

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## FLANGE BLOCK BEARINGS

Flange Block Bearings are a combination of a normal duty set screw insert bearing with slinger seal design and cast iron pillow block housing with an anti-rotation device. Cast Iron unit with the standard base to center height and relubrication feature.



SKU	DESCRIPTION	BORE	BOLT SPACING	BOLT SIZE	OVERALL LENGTH	OVERALL WIDTH	OVERALL THICKNESS
BRGFB16	1" Two Bolt Flange Bearing (UCFL205-16)	1"	3.90"	0.625"	5.12"	2.68"	1.41"
BRGFB20	1-1/4" Two Bolt Flange Bearing - Small (UCFL206-20)	1-1/4"	4.61"	0.625"	5.83"	3.15"	1.58"
BRG207G	1-1/4" Two Bolt Flange Bearing (UCFL207-20)	1-1/4"	5.12"	0.625"	6.34"	3.54"	1.75"
BRGFB28	1-1/2" Two Bolt Flange Bearing (UCFL208-24)	1-1/2"	5.67"	0.625"	6.89"	3.94"	2.02"
BRGFB32	2" Two Bolt Flange Bearing (UCFL211-32)	2"	7.24"	0.625"	8.82"	5.12"	2.30"

## PILLOW BLOCK BEARINGS

Pillow Block Bearings are a combination of a normal duty set screw insert bearing with slinger seal design and cast iron pillow block housing with an anti-rotation device. Cast Iron unit with the standard base to center height and relubrication feature.



SKU	DESCRIPTION	BORE	SHAFT HEIGHT	BOLT SPACING	BOLT SIZE	OVERALL LENGTH	OVERALL HEIGHT
BRGP206	1-1/8" Pillow Block Bearing (UCP206-18)	1-1/8"	1.69"	4.76"	0.625"	6.50"	3.23"
BRGP207	1-1/4" Pillow Block Bearing (UCP207-20)	1-1/4"	1.87"	4.96"	0.625"	6.57"	3.62"
BRGP211	2" Pillow Block Bearing (UCP211-32)	2"	2.50"	6.77"	0.750"	8.63"	4.90"

## MAST GUIDE BEARINGS

HDPs' master guide bearings are equipped for demanding, heavy load Bi-Fold hangar door applications. They have a thick hardened steel outer ring and single row construction.



SKU	DESCRIPTION	BORE	OD	OVERALL WIDTH
BRG6305	Bearing Mast Guide (6305)	0.984"	3.00"	1.00"

## CAM FOLLOWER

Hangar door cam followers, also known as track followers, are specialized roller or needle bearings designed to follow cam lobe profiles on a hangar door.



SKU	DESCRIPTION	BORE	YOKE WIDTH	STUD
BRGCR25	Cam Flower	1.25"	0.50"	1.75"

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