

SPECIFICATION



S-2000

INCH

DODGE Spherical Bearings, including S-2000 bearings, are general purpose, high-capacity, double-row spherical roller bearings. All are mounted in single piece precision machined housings. Bearings are mounted to shafts by means of set screw collars, with 65 degree set screw spacing for maximum clamping force.

ASTM A48 Class 30 cast iron is the standard material used in S-2000 housings. A-27 Grade 70-36 Class 1 Steel is the standard material used in Steel S2000-HD

housings. Housing designs are available for survival in extreme harsh environments, through the use of special finishes and stainless hardware.

Housings are available in a variety of standard configurations, including pillow blocks, flanges, piloted flanges and take-up bearings. TRIDENT triple lip contact seal and Labyrinth seals are available on S-2000 bearings.



HOW TO ORDER

There are two ways to specify DODGE Bearings. Most of the product offerings have part numbers with listings shown throughout this catalog. Use of part numbers ensures accurate order processing.

When part numbers are not shown, the product may be specified by description or part name. This method is used when ordering units that include modifications or options. To order by description, use the nomenclature key shown on page B12-5 and add any special instructions to the end of the description for options not covered by the nomenclature.

DODGE Spherical Bearings are factory adjusted and pre-lubricated. For applications where extreme ambient temperatures, high speeds, or high loads are expected, a variety of specialty lubricants is available. Standard grease provided is lithium complex base Mobilgrease XHP222. High temperature

greases available include Mobil HTS #2. Other special lubricants are available upon request. Special lubricant options usually involve set-up charges, minimum quantities and list price premiums. To order, specify type of lubricant required at the end of the product name or after the standard part number.

Example: 070320 except with Mobil HTS #2 grease
or

P2BS2108L except with Mobil HTS #2 grease

For applications requiring modifications not listed, we encourage you to contact our Application Engineering Department for Bearings at 864-284-5700.

NOMENCLATURE



S-2000

S E P2B - S2 - 207 - R E						
	HOUSING STYLE	BEARING TYPE	SIZE	SEAL	OTHER DATA	
<p>"E" prefix denotes Type E dimensioned housing with S2000 spherical roller bearing insert *</p> <p>"S" prefix denotes cast steel housing</p>	P2B =	Pillow Block 2-Bolt Base, Cast Iron	S2 = S-2000	Inches and 16th	R =	TRIDENT Triple Lip Rubbing Seal
	P4B =	Pillow Block 4-Bolt Base, Cast Iron		2 = 2"	L =	Labyrinth Metallic Seal
				07 = 7/16"		
				207 = 2-7/16"		
	F3R =	Flange Bearing 3-Bolt, Cast Iron, Round				
	F4S =	Flange Bearing 4-Bolt, Cast Iron, Square				
	F4R =	Flange Bearing 4-Bolt, Cast Iron, Round				
	FC =	Piloted Flanged (Flanged Cartridge)				
	WSTU =	Wide Slot Take-Up Bearing For Use In Center-Pull Frames				
	TPHU =	TPHU Take-up Bearing For Use In TPHU Or Top Angle Take-Up Frames				
						E = Expansion Type Bearing - If "E" Does Not Appear, Bearing Is Non Expansion Type

* Available in two or four bolt pillow blocks, four bolt square flanges and piloted flanges

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