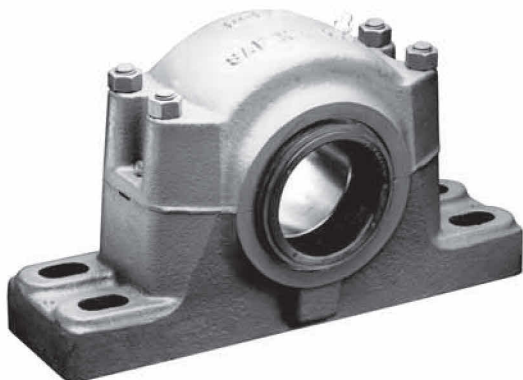




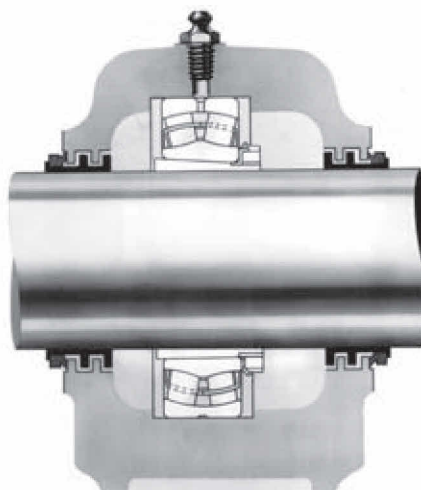
FEATURES/BENEFITS

SAF-XT Spherical Roller Bearings



The SAF-XT Pillow Block Housing is designed for typical SAF dimensional interchangeability, complete with such desirable features as 4-bolt caps, cap removal pry slots, elongated bolt holes, and dimpled feet for doweling. In addition to these features the SAF-XT housing also incorporates a better grease purging/sealing system for extra protection of the bearing in a hostile environment.

The SAF-XT pillow block has only one grease fitting. Bearings with costly, comparably effective auxiliary seals have up to three grease fittings. The single fitting speeds up lubrication, reduces chance for voids. Complete fill, bearing action, and configuration of reservoir assure maximum purging effectiveness. Grease relief channels result in self-centering positive contact seal. These factors make SAF-XT blocks easy to lubricate.



FEATURES/BENEFITS



SAFS



DODGE SAFS cast steel pillow blocks mount 22200K series spherical roller bearings on 2-7/16" - 8" shafts.

These pillow blocks are well suited for applications requiring either grease or oil lubrication where adapter mounting is preferred and limited thrust loads are experienced. Cast steel housings provide greater resistance to impact and shock loading than the more economical cast iron pillow blocks. (SPLIT-

SPHER bearing and seals may also be installed in SAFS housings. See page B11-76 through B11-85 .)

SAFS pillow blocks are furnished complete with the TRIPLE-TECT combination labyrinth and face rubbing seals. LER triple ring seals are available as an alternate seal for SAFS pillow blocks. Where required, purgeable auxiliary seals and end closures are also available.

IMPERIAL - ISAF

UNIFIED SAF

International Bearings

Sleeve Bearing

SLEEVOIL



SPECIFICATION

IMPERIAL - ISAF

UNIFIED SAF

International Bearings

Sleeve Bearing

SLEEVOIL

Housing

Grade 30 cast iron is the standard housing material except on SAFS housings. When steel housings are required, the SAFS bearing line is recommended.

SPECIAL DRILLING

The standard offering includes a W33 lube hole and fitting, along with a cap vent hole. UNIFIED Bearings also come standard with dual oversized drain holes in the base. Additional holes may be drilled to meet customer specifications for lube, vent and sensor locations. To order, specify holes required from chart on page B11-130 and add to the end of the description. Order by description instead of part number. Minimum order quantities will be required for this special drilling.

SPECIAL FINISHES

A variety of finishes are available for extra corrosion resistance. The standard finish is a water based U.S.D.A. approved paint. When special finishes are specified, DODGE recommends the use of stainless steel cap bolts and grease fittings. To order, specify the "type of finish" required and "stainless bolts and fittings" at the end of the description. Order by description for special finishes.

BEARINGS

Standard bearings offered are 22200 and 22300 series metal caged, double row, spherical bearings with C3 fits in both direct and adapter mounts (shaft sizes larger than 8" are standard with C0 fit). Other fit bearings are available as options, i.e. C0, C4 and C5. Other double row spherical bearing series are available on request including 23000 and 23200 in both direct and adapter mount. Self aligning ball bearing series 1200, 1300 and 2200 in both adapter and direct mount are available on request. To order, specify bearing "series" or "fit" at the end of the description.

For applications requiring modifications not listed, we encourage you to contact our Application Engineering Department for Bearings at 864-284-5700 or Fax 864-281-2317 during the hours of 8:00 a.m. and 5:00 p.m. Eastern time.

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HOW TO ORDER



Inch

DODGE UNIFIED Spherical Bearings are housed and sealed general purpose, high capacity double row spherical roller bearings. Bearings may be mounted on shafts with adapters, or they may be mounted directly, using interference fits.

The standard material used in housings is ASTM A48 Class 30 Cast iron. Steel versions are also available in the SAFS line on page B11-65. Housings may be modified to suit customer requirements for mounting, venting, lubricating or monitoring of the bearing. Housing designs are available for performance in extreme harsh environments through the use of cast closed ends, nylon coating and stainless steel hardware.

A wide variety of standard seals is available including labyrinth and rubbing seals and combinations of the two. DODGE TRIPLE-TECT* and Drop-in TRIPLE-TECT* seals are recommended for general purpose applications because of their superior combination sealing action. More information on seals is shown on page B11-23.

Locking devices, including tapered adapters and locking washers and nuts, are available to accommodate both commercial and precision machined shafting.

How to Order Dodge UNIFIED Bearings

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 insures accurate order processing.

When part numbers are not shown, the product may be specified by description. This method is used when ordering units that include modifications/options. To order by description, use the nomenclature key shown on page B11-10 and add any special instructions to the end of the description for options not covered by the nomenclature.

* Patent numbers 4348067 and 5259628

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NOMENCLATURE



Complete Pillow Block - Inch

P2B - 515 - USAF - 207 - TT

HOUSING STYLE	BEARING SERIES AND HOUSING SIZE	TYPE OF MOUNTED BEARING	SIZE INCHES	SEAL TYPE
P2B - 2 Bolt Base Pillow Block, Cast Iron, Both Ends Open	2XX - For Direct Mount 22200 Series Bearing	USAF - UNIFIED SAF Pillow Block (Inch Dimensions)	207 - Inches & 16ths 2 = 2" 07 = 7/16"	TT - TRIPLE-TECT LER - Metal Labyrinth SS - Split Non-Metallic Labyrinth
P4B - 4 Bolt Base Pillow Block, Cast Iron, Both Ends Open	3XX - For Direct Mount 22300 Series Bearing 5XX - For Adapter Mounted 22200K Series Bearing	USDAF - UNIFIED SDAF Pillow Block	107 = 1-7/16" 111 = 1-11/16" 115 = 1-15/16"	TTDN - Drop-In TRIPLE-TECT
CP2B - 2 Bolt Base Pillow Block, Cast Iron, One End Closed	6XX - For Adapter Mounted 22300K Series Bearing	SS - SPLIT-SPHER Pillow Block	203 = 2-3/16" 207 = 2-7/16" 208 = 2-1/2" 211 = 2-11/16" 212 = 2-3/4" 215 = 2-15/16" 300 = 3" 303 = 3-3/16" 307 = 3-7/16" 308 = 3-1/2" 315 = 3-15/16" 400 = 4" 403 = 4-3/16" 407 = 4-7/16" 408 = 4-1/2" 415 = 4-15/16" 500 = 5" 503 = 5-3/16" 507 = 5-7/16" 508 = 5-1/2" 515 = 5-15/16" 600 = 6" 607 = 6-7/16" 608 = 6-1/2" 615 = 6-15/16" 700 = 7" 703 = 7-3/16" 708 = 7-1/2" 715 = 7-15/16" 800 = 8" 807 = 8-7/16" 808 = 8-1/2" 815 = 8-15/16" 900 = 9" 907 = 9-7/16" 908 = 9-1/2" 915 = 9-15/16" 1000 = 10" 1007 = 10-7/16" 1008 = 10-1/2"	AUX - Auxiliary (Taconite) EC - End Closure
CP4B - 4 Bolt Base Pillow Block, Cast Iron, One End Closed	0XX - For Adapter Mounted 23000K Series Bearing			

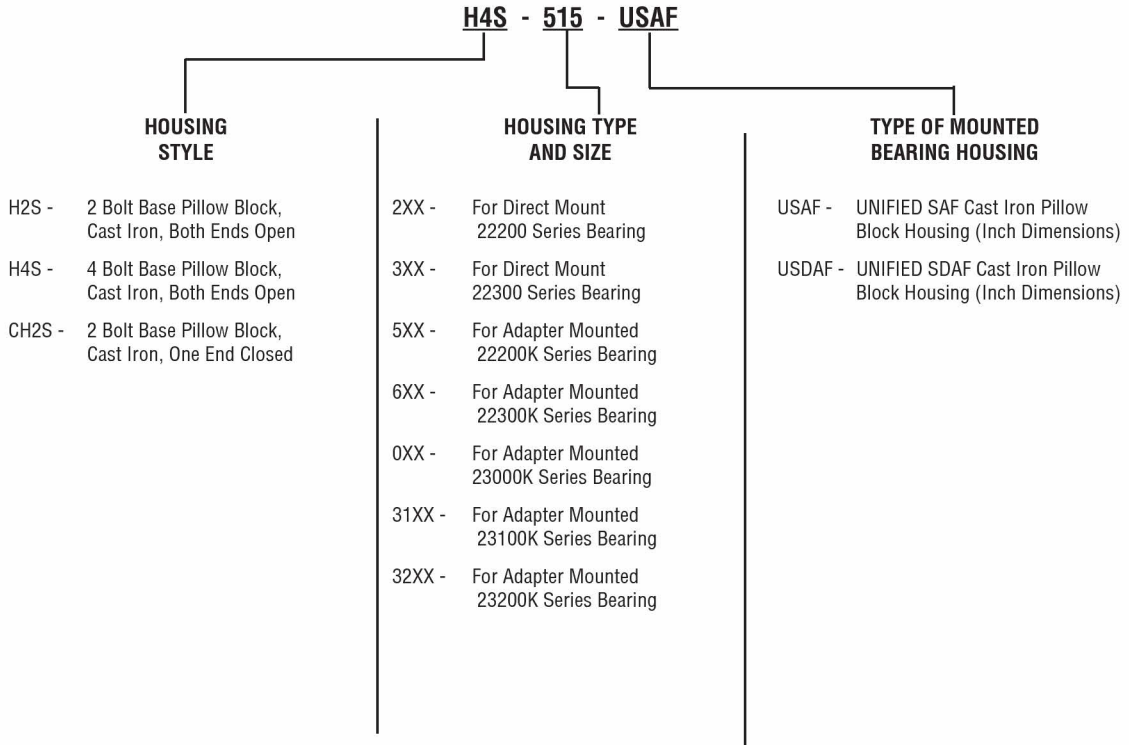
For monitor equipped pillow blocks a C preceding the pillow block designation indicates closed ends

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NOMENCLATURE



Housing Only (Housing and Stab Ring) Inch



IMPERIAL - ISAF

UNIFIED SAF

International Bearings

Sleeve Bearing

SLEEVOIL

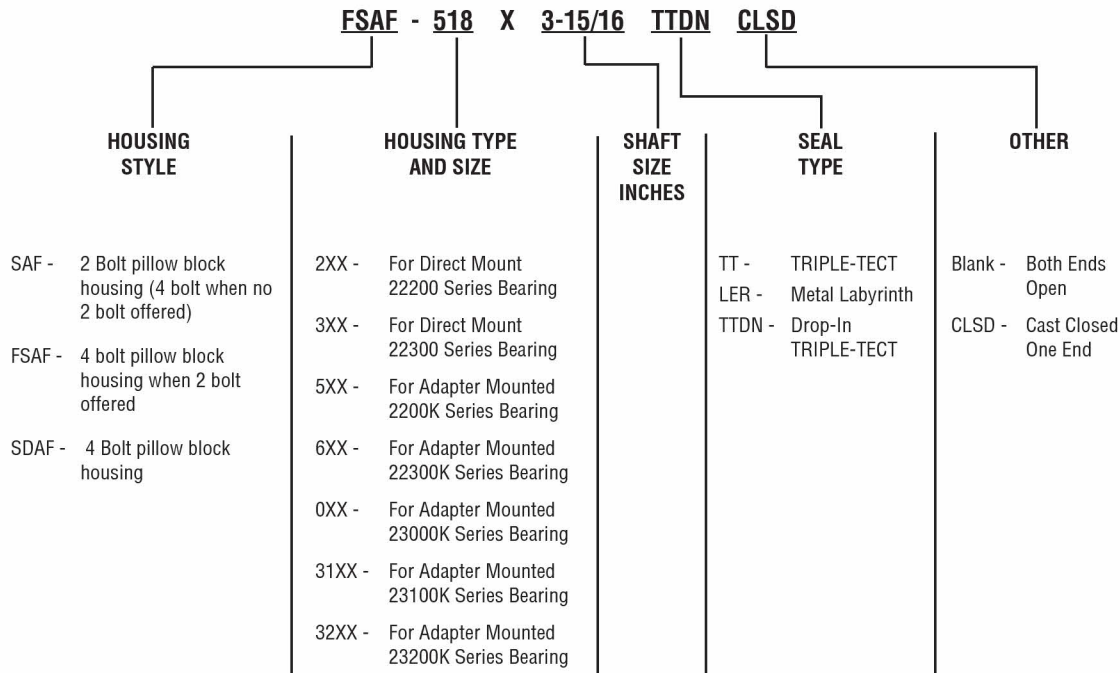
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NOMENCLATURE



Housing Assembly (Housing and Stab Ring and Seals) - Inch



IMPERIAL - ISAF

UNIFIED SAF

International Bearings

Sleeve Bearing

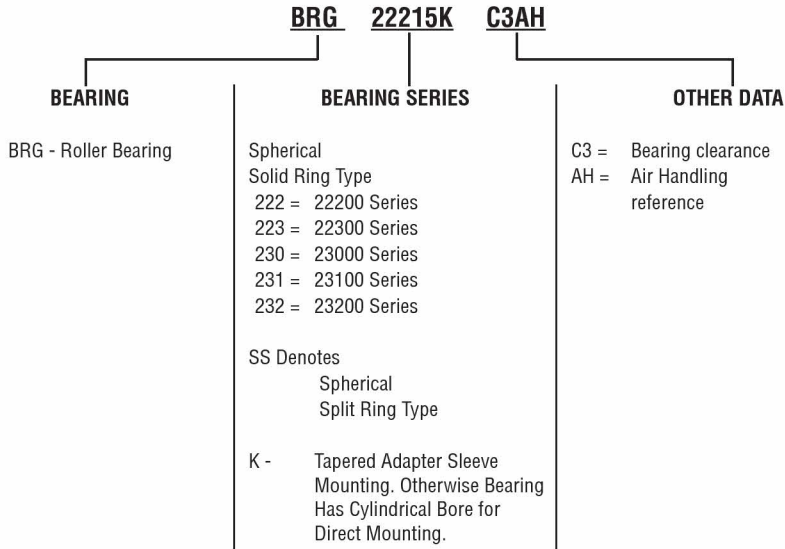
SLEEVOIL

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NOMENCLATURE



Bearing



IMPERIAL - ISAF

UNIFIED SAF

International Bearings

Sleeve Bearing

SLEEVOIL

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