

# SPECIFICATION



## Type E-Xtra, Type K, DOUBLE-INTERLOCK/TAF and EXL

Type E-Xtra, Type K, DOUBLE-INTERLOCK, TAF and EXL mounted bearings are all general purpose high capacity tapered roller bearings capable of handling any combination of radial and thrust load within the capacity of the bearing.

All of these bearings are mounted to the shaft by means of set screw collars having 65 degree set screw spacing for optimum clamping force. The Type E-Xtra, DOUBLE-INTERLOCK, TAF and EXL mounted bearings have locking collars at each end of their extended inner races. Type K has a single locking collar. The tapered roller bearings for these mounted bearings all have case carburized inner races (cones), outer races (cups), and rollers.

Bearings are preassembled, prelubricated and factory adjusted. They are normally equipped with land riding contact type seals with a metal deflector guard.

The standard housing material for most of these mounted bearings is ASTM A48 Class 30 Iron having a minimum tensile strength of 30,000 psi. The outer housing for the Type K and DOUBLE-INTERLOCK flange bearings thru 4" bore size and all Type EXL housings utilize housings made of ductile iron (ASTM A536 Grade 65-45-12) with 65,000 psi tensile strength. Type E pillow blocks are also available with cast steel housing having a tensile strength of 70,000 psi for 2-bolt base thru 3-1/2" bore size and 4-bolt base from 3-15/16" thru 5" bore size on an assembled or order basis.

The Type K, DOUBLE-INTERLOCK pillow blocks and flange bearings plus the TAF pillow blocks all have split outer housings used with completely assembled, lubricated and adjusted inner units simplifying replacement of the bearing in the pillow block or flange bearing. All Type E mounted bearings, Type K take up units and all D units, S-1 units, and B-1 units have solid one piece housings.



FEATURES/BENEFITS  
PAGE B10-2

HOW TO ORDER/NOMENCLATURE  
PAGE B10-9

EASY SELECTION  
PAGE B10-15

ACCESSORIES  
PAGE B10-64

## HOW TO ORDER



### Type E-Xtra, Type K, DOUBLE-INTERLOCK/TAF and EXL

There are two ways to specify DODGE Bearings. Most of the product offering 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 and add any special instructions to the end of the description for options not covered by the nomenclature.

#### SPECIAL BEARING REQUIREMENTS AND SPECIAL LUBRICANTS

DODGE 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 and adjustments are available. Standard grease provided is Mobilgrease XHP222, a lithium complex based grease. High

temperature greases available upon request. Special lubricant options usually involve set-up charges and premiums. To order, specify type of lubricant required at the end of the product name or after the standard part number.

Example:

F4B-E-207 except with Mobil Grease HTS #2 grease and .012 to .015 lateral end play

or

023106 except with Mobil Grease HTS #2 grease and .012 to .015 lateral end play

#### OTHER SPECIAL REQUIREMENTS NOT LISTED

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

FEATURES/BENEFITS PAGE B10-2	EASY SELECTION PAGE B10-15	SELECTION/DIMENSIONS PAGE B10-22	ACCESSORIES PAGE B10-64
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# NOMENCLATURE



## Type E-Xtra, Type K, DOUBLE-INTERLOCK, TAF and EXL

P2B - 515-TAF - 207 - RE			
HOUSING STYLE OPTION	BEARING TYPE OPTIONS	Size	OTHER OPTIONS
P2B = Pillow Block 2-Bolt, Cast Iron	E = Type E	Inches & 16TH 2 = 2 Inches	R = "XTS" Triple Lip Seal E = Expansion Type Bearing.
P4B = Pillow Block 4-Bolt, Cast Iron	EXL = Type EXL	07 = 7/16 Inches Or	<b>Note:</b> If E Does Not Appear After Seal Type, Then Bearing Is Non-Expansion Type
SP2B = Pillow Block 2-Bolt, Cast Steel	K = Type K	207 = 2-7/16"	
SP4B = Pillow Block 4-Bolt, Cast Steel	DI = DOUBLE-INTERLOCK	METRIC	
F4B = Flange Bearing 4-Bolt, Cast Iron	TAF = TAF	060M = 60 Millimeters	
FC = Piloted Flange Bearing (Flanged Cartridge)	5XX = Housing Series (TAF Only)		
B1U = B1 Unit Cast Iron			
DU = D Unit Cast Iron			
S1U = S-1, Unit Cast Iron			
WSTU = Wide Slot Take-Up Bearing Cast Iron			
TP = Top Angle Take-Up Bearing Cast Iron			
H2S = Pillow Block Housing Only 2-Bolt, Cast Iron			
H4S = Pillow Block Housing 4-Bolt, Cast Iron			