

# 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.



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# 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.

Bearing Reference Guide

E-Family Roller Bearings

Specialty Tapered Products

S-2000

UNISPHERE II

IMPERIAL

UNIFIED SAF

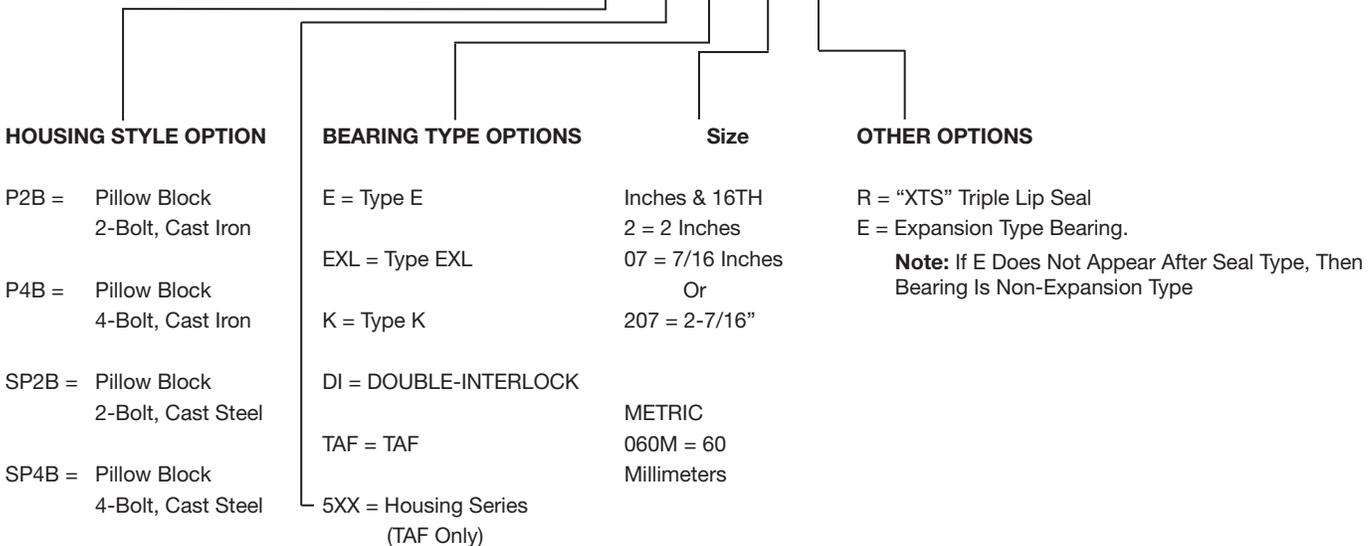
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# NOMENCLATURE

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

P2B - 515-TAF - 207 - RE



### HOUSING STYLE OPTION

- P2B = Pillow Block  
2-Bolt, Cast Iron
- P4B = Pillow Block  
4-Bolt, Cast Iron
- SP2B = Pillow Block  
2-Bolt, Cast Steel
- SP4B = Pillow Block  
4-Bolt, Cast Steel
- F4B = Flange Bearing  
4-Bolt, Cast Iron

### BEARING TYPE OPTIONS

- E = Type E
- EXL = Type EXL
- K = Type K
- DI = DOUBLE-INTERLOCK
- TAF = TAF
- 5XX = Housing Series  
(TAF Only)

### Size

- Inches & 16TH
- 2 = 2 Inches
- 07 = 7/16 Inches
- Or
- 207 = 2-7/16"
- METRIC
- 060M = 60
- Millimeters

### OTHER OPTIONS

- R = "XTS" Triple Lip Seal
- E = Expansion Type Bearing.
- Note:** If E Does Not Appear After Seal Type, Then Bearing Is Non-Expansion Type

FC = Piloted Flange  
Bearing (Flanged Cartridge)

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