



Type C

The standard housing material for Type C mounted bearings is ASTM A48 Class 30 Iron having a minimum tensile strength of 30,000 psi. The outer housings for the pillow blocks and flange bearings are of split construction for ease of replacement of the completely assembled, adjusted and lubricated inner units. The housings for the take-ups, hanger bearings, D, S-1 and B-1 units are of solid one piece construction. Pillow blocks and flange bearings are available in both expansion and non-expansion styles. Take up and hanger bearings are available as non expansion only.

The Type C mounted bearing has indirect mounted tapered roller bearings press fitted on a common sleeve with the outer race shouldered against a rib in the housing. The tapered roller

bearings used in the Type C mounted bearings all have case carburized inner races (cones), outer races (cups) and rollers.

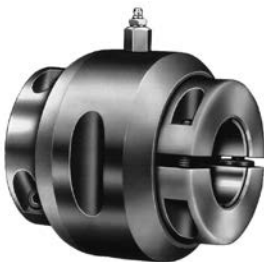
The Type C bearing is mounted to the shaft by clamping the sleeve to the shaft at the slotted threaded end of the sleeve with flinger collars. These collars are one piece construction for sizes thru 2-1/2", with larger sizes using collars of two piece construction. The bearing rating for the type C is determined by the sleeve resulting in a L₁₀ life at maximum speed of at least 100,000 hours.

Steel multiple labyrinth seals are used to offer extra resistance to keep contaminants out of the bearing before, during, and after installation.

TYPE C AVAILABLE IN
PILLOW BLOCKS, 2 BOLT BASE 1-3/16" TO 3-7/16"
PILLOW BLOCKS, 4 BOLT 2-3/8" TO 4-15/16"
FLANGE BEARINGS 4 BOLT 1-3/16" TO 3-7/16"
ALL IN EITHER EXPANSION OR NON-EXPANSION



HANGER BEARINGS 1-15/16" TO 3-7/16"
TAKE-UP BEARINGS 1-3/16" TO 2-15/16"



D, S-1 OR B-1 UNITS 1-3/16" TO 4-15/16"

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HOW TO ORDER/NOMENCLATURE

HOW TO ORDER Type C

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 below 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 Type C 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 Mobil Grease XHP222. 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:

065294 except with Mobil Grease HTS #2 grease

or

P2B-C-207 except with Mobil Grease HTS #2 grease

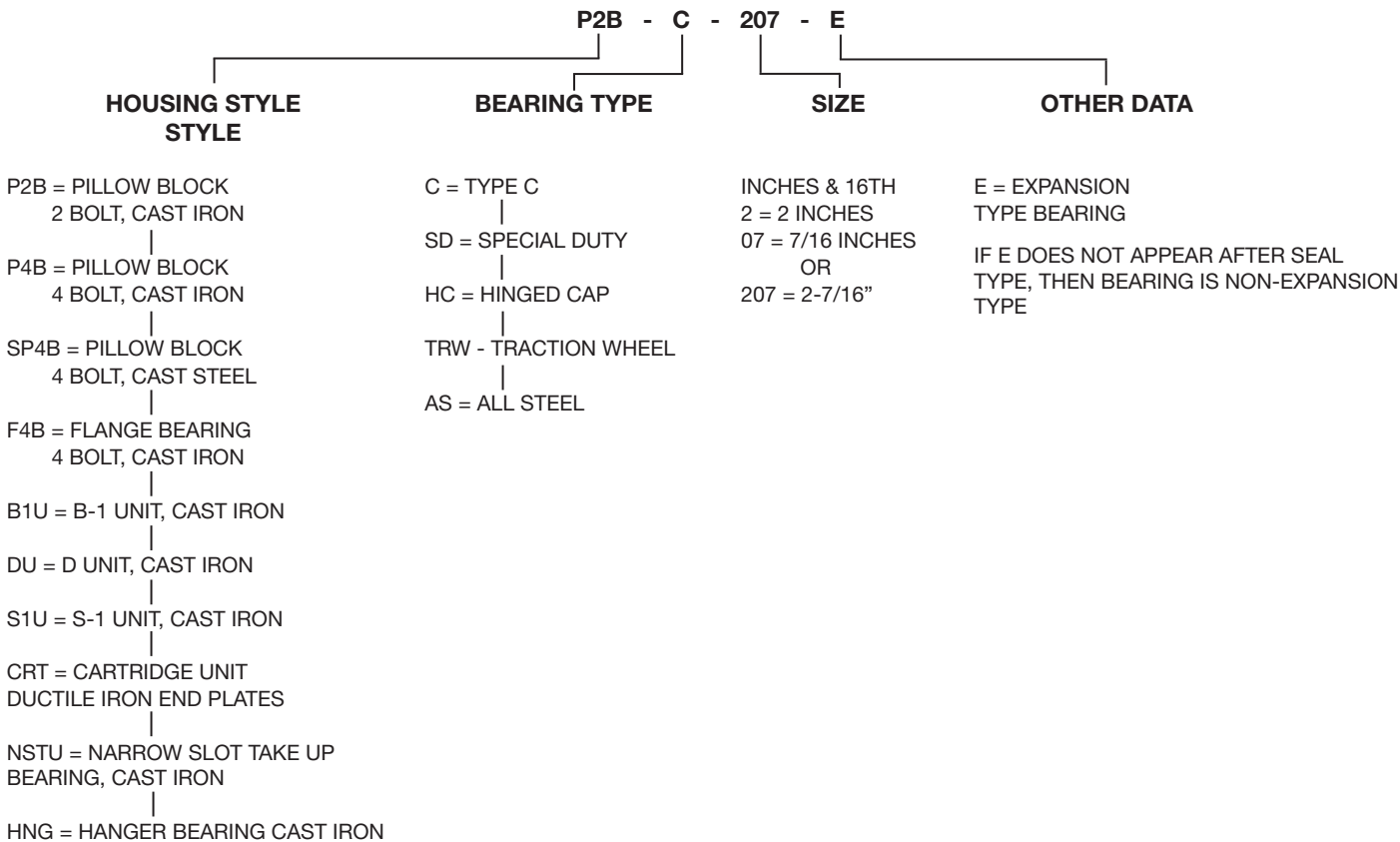
Other Special Requirements Not Listed

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

NOMENCLATURE

Specialty Tapered Products

Type C, Special Duty and All Steel



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