



FEATURES/BENEFITS

DODGE UNIFIED SAF and SDAF Pillow Blocks

BEARINGS

Spherical Roller Bearing - 22200, 22300, 23000, 23100 and 23200, tapered bore for adapter mount and straight bore for direct mount.

SPLIT-SPHER Bearing

Complete split replacement for an adapter mounted 22200. Compatible with UNIFIED SAF. Available in inch bores.

SHAFT SIZES

Available for shaft sizes 1-7/16" - 15-3/4" and 40 mm-140 mm in adapter mount. Additional sizes offered in direct mount. Pillow blocks are available in 200, 300, 500 and 600 series.

DIMENSIONS

UNIFIED SAF and SDAF pillow blocks match standard SAF and SDAF inch dimensions.

PLUS YOU GET BUILT-IN DESIGN ADVANCEMENTS

With DODGE UNIFIED SAF and SDAF pillow blocks, you benefit from a housing that has capabilities for harsh environments that competitive pillow blocks do not have.



VIRTUALLY EVERY FEATURE YOU EVER WANTED IN YOUR PILLOW BLOCK

- Cast-in dimples locate drill holes for lube fittings, vents, sensors and mounting modifications.
- Housing base is threaded to accept four Grade 5 cap bolts for added strength. Cap bolts match base bolts for one-wrench installation.
- Standard housings have two oversized drains adaptable to circulating oil systems.
- Pry slots allow easy separation of the pillow block.

NOTE: Instruction manuals for all Dodge bearings are available on www.dodge-pt.com



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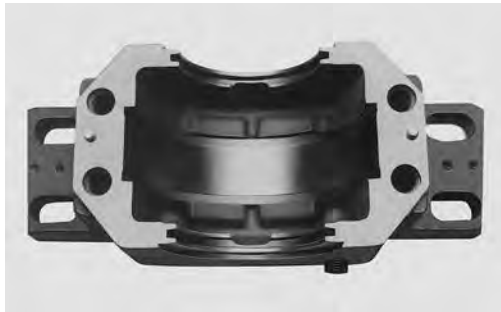
DODGE UNIFIED SAF and SDAF Pillow Blocks



Cast iron, closed-end housings offer greater protection in high pressure washdown environments. Available from stock.



Solid cast iron feet increase strength in both two and four-bolt styles.



Large capacity oil sump lowers operating temperatures, undercut bearing seat allows full lateral travel of expansion bearing, prevents stabilizer ring from binding, makes installation easy.



Oil return slots are cast into the interior seal grooves to keep lubricants in. This allows oil in the seal grooves to return to the oil sump instead of leaking.



Standard modifications for wet and harsh environments include nylon coating, epoxy paints and nickel plating, as well as stainless steel hardware.



New drop-in TRIPLE-TECT Seal makes seal installation easier



Exclusive oil-equalization passage simplifies maintenance. Pillow block can be drained completely from either side.



Offset dowels with matched numbers on cap and base joint simplify correct assembly.



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DODGE UNIFIED SAF with SPLIT-SPHER Bearing

SPLIT-SPHER BEARINGS FROM DODGE INCREASE PRODUCTION AND REDUCE DOWNTIME

The SPLIT-SPHER bearing is quick to install. Simplified bearing installation puts equipment back into operation faster and keeps production moving.

HERE'S WHY!

DODGE offers a split-race spherical bearing that fits SAF housings and replaces bearing and adapter assemblies. It's a real cost-saver in every case where the shaft must be stripped of components to permit sliding the new bearing onto its proper shaft location.

DIMENSIONS ARE STANDARD.

The DODGE SPLIT-SPHER bearing has the same O.D. dimensions as a standard spherical bearing. This means you can use a SPLIT-SPHER pillow block on the inaccessible end of a shaft and a standard pillow block on the accessible end. DODGE offers the only split-race bearings made to standard SAF pillow block dimensions.

Also, if needed, the backing dimension of the SPLIT-SPHER block can be increased by shimming to meet the requirements of any roller bearing it replaces.

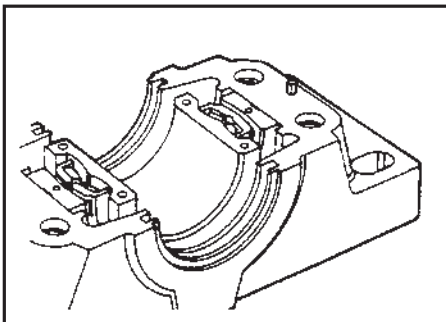
REDUCE REPLACEMENT TIME UP TO 50%.

To replace a standard spherical roller bearing with a SPLIT-SPHER insert, remove the cap, elevate the shaft enough to support the load and burn off the failed bearing and adapter with a torch.

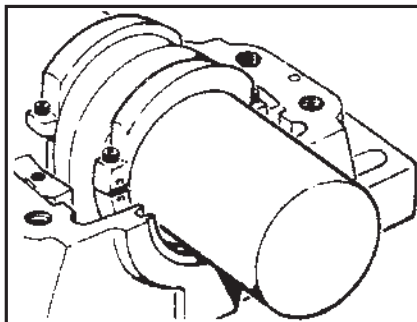
The DODGE SPLIT-SPHER replacement lower halves can then be slipped under the shaft, along with the split seals. Bolt the upper halves in place, lower the shaft and replace the cap. There's no need to remove any other shaft-mounted components or move motors and other bulky machinery.



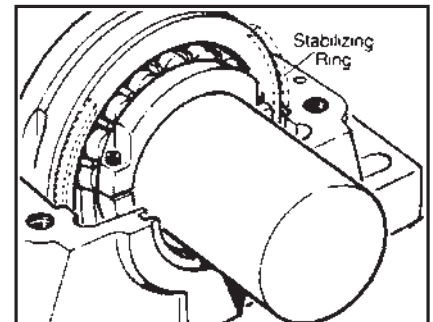
The SPLIT-SPHER insert is easy to install!



1. Slightly elevate shaft, cut off old bearing and slip lower halves of SPLIT-SPHER rings and roller assembly beneath shaft



2. Bolt upper half of inner ring to lower half



3. Place upper half of roller assembly in position and bolt on upper half of outer ring. Lower shaft and replace housing cap.

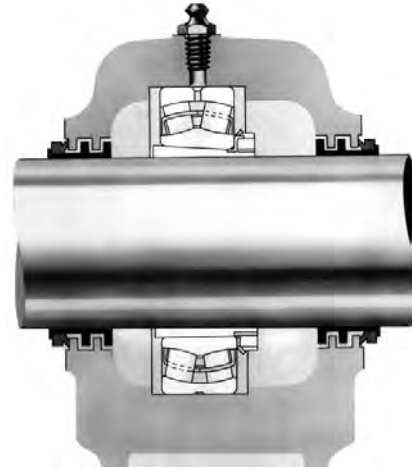


FEATURES/BENEFITS

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.

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 B15-76 through B15-81.)

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.