

How to find a replacement tapered bearing

Tech tip

There are 3 ways to identify any component part, including bearings.

1) Application

- a. ie: Arvin Meritor 9,000 lb front axle model FD931N uses outer bearings BR3585/BR3525 and can be found in catalog 457601.

Model	Capacity	Line No.
FD931N	9000 lbs.	2
FD931TW	9000 lbs.	2
FD933	9000 lbs.	34
FD961	10000 lbs.	30

Mfr Line Number	Scotseal® PlusXL	Scotseal® Classic	Scotseal® Longlife	Inner (Cone/Cup)	Outer (Cone/Cup)	Grease Seal Location	Number
ArvinMeritor Standard							
1 Standard Axle		28820		BR45284/ BR45220 ▲SET410	BR2780/ BR2720		
Ford		28820		BR45284/ BR45220 ▲SET410	BR25880/ BR25820	Inner	28828
Navistar		28820		BR45284/ BR45220 ▲SET410	BR2780/ BR2720		
2	35058	35066	35103	BR39581/ BR39520	BR3585/ BR3525	Inner	34980

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1) Application - continued

- b) Application information for transmissions and differentials may be found in catalog 457604.

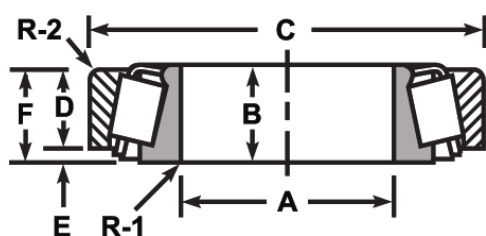
Eaton model index

Front axle

34D3	F-34,000	w/ Taper Brg. On Input Shaft	SDK64-FE
34DP	F-34,000	w/ Taper Brg. On Input Shaft	SDK64-FE
34DS	F-34,000	w/ Ribbed Carrier & Taper Brg. On Input Shaft	SDK64-FE w/ Conical Carrier & Taper Brg. On Input Shaft
34DT	F-34,000	w/ Taper Brg. On Input Shaft	SDK64-FE
38D3	F-38,000	w/ Taper Brg. On Input Shaft	SDK64-FE

2) Size and type

- a. ie: Cone BR3782 has an ID of 1.7500", length of 1.1930", and radius of .1400".
i. Cup BR3720 has a OD of 3.6718", length of .9375" and radius of .1300".
ii. The set SET406 has a standout of .2500" and set width of 1.875".
iii. Catalog 457601 SKF Heavy Duty Bearings and Seals catalog provides dimensional information.



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How to find a replacement tapered bearing-cont.

3) Interchange

- a. SKF uses industry part numbers for bearings. However, a BR prefix is applied to the part number when the number does not include an existing alpha prefix.
 - i. ie: BR3720 = 3720
 - ii. ie: HM212011 = HM212011
- b. Interchanges may be found in SKF Bearing Interchange catalog 457013.
- c. Scotseal to bearing interchanges may be found in catalog 457601.

Inner Cone/ Cup	Outer Cone/ Cup	Scotseal(s)	Inner Cone/ Cup	Outer Cone/ Cup	Scotseal(s)
BR28995/ BR28920	BR25580/ BR25523	28820	BR47686/ BR47620	BR39590/ BR39520	38750
BR33281/ BR33462	BR39585/ BR39520	34387, 35000	BR47686/ BR47620	BR39585/ BR39520	38780
	BR3982/ BR3920	34387		BR39590/ BR39520	38750, 38780, 42550

Catalogs 457601, 457604 and 457013 may be found on-line at www.vsm.skf.com in pdf or e-cat versions.

