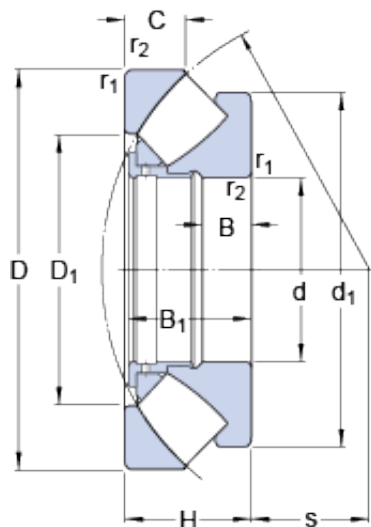




# BEARING USA CORP.

## 500 mm x 870 mm x 86 mm SKF 294/500 EM thrust roller bearings

Bearing No. 294/500 EM



294/500 EM Bearing 2D drawings and 3D CAD models

Size	870x500x224 mm
Bore Diameter	870 mm
Outer Diameter	500 mm
Width	224 mm
d	500 mm
D	870 mm
H	224 mm
d <sub>1</sub>	795 mm
D <sub>1</sub>	648 mm
B	86 mm
B <sub>1</sub>	216 mm
C	110 mm
s	290 mm
r <sub>1,2</sub> - min.	9.5 mm
d <sub>a</sub> - min.	685 mm
D <sub>a</sub> - max.	755 mm
r <sub>a</sub> - max.	8 mm
Basic dynamic load rating - C	9370 kN
Basic static load rating - C <sub>0</sub>	40000 kN
Fatigue load limit - P <sub>u</sub>	2850 kN
Reference speed	340 r/min
Limiting speed	670 r/min
Factor min. axial load - A	150
Category	Thrust Roller Bearing



## BEARING USA CORP.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	560.5
Product Group	B04311
Rolling Element	Spherical Roller Bearing
Self Aligning	Yes
Component Description	Roller Assembly plus Raceways
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Machined Brass
Precision Class	ABEC 1   ISO P0
Other Features	Single Row
Long Description	500MM Bore 1; 648MM Bore 2; 870MM Outside Diameter; 224MM Height; Spherical Roller Bearing; Single Direction; Self Aligning; Not Banded; Machined Brass Cage; ABEC 1   ISO P0; Roller Assembly plus Race
Inch - Metric	Metric
Category	Thrust Roller Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.30.00.40
Noun	Bearing
Keyword 3	Spherical
Keyword String	Thrust Roller Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	294/500 EM
Weight / LBS	1,234.589
Height	8.819 Inch   224 Millimeter



## BEARING USA CORP.

Bore 1	19.685 Inch   500 Millimeter
Bore 2	25.512 Inch   648 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Outside Diameter	34.252 Inch   870 Millimeter
$d_1$	795 mm
$D_1$	648 mm
$B_1$	216 mm
$r_{1,2}$ min.	9.5 mm
$d_a$ min.	685 mm
$D_a$ max.	755 mm
$r_a$ max.	8 mm
Basic dynamic load rating C	9370 kN
Basic static load rating $C_0$	40000 kN
Fatigue load limit $P_u$	2850 kN
Minimum axial load factor A	150
Mass bearing	560 kg