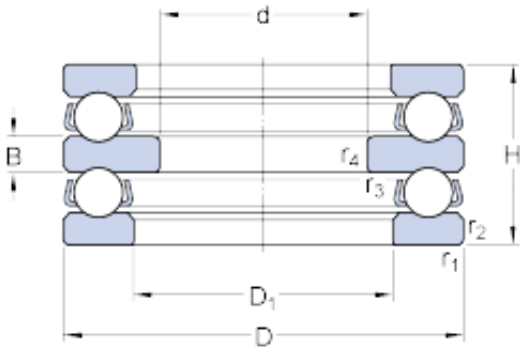




## Bearing USA CORP.



85 mm x 170 mm x 21 mm SKF 52320 thrust ball bearings

Bearing No. 52320

52320 Bearing 2D drawings and 3D CAD models

Size	170x85x97 mm
Bore Diameter	170 mm
Outer Diameter	85 mm
Width	97 mm
d	85 mm
D	170 mm
H	97 mm
D <sub>1</sub>	103 mm
B	21 mm
r <sub>1,2</sub> - min.	1.5 mm
r <sub>3,4</sub> - min.	1 mm
d <sub>a</sub>	100 mm
D <sub>a</sub> - max.	128 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	225 kN
Basic static load rating - C <sub>0</sub>	570 kN
Fatigue load limit - P <sub>u</sub>	18.3 kN
Reference speed	1000 r/min
Limiting speed	1400 r/min
Minimum load factor - A	1.9
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF



## Bearing USA CORP.

Minimum Buy Quantity	N/A
Weight / Kilogram	8.79
EAN	7316577732989
Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Double Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Double Row
Long Description	85MM Bore 1; 103MM Bore 2; 170MM Outside Diameter; 97MM Height; Ball Bearing; Double Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	52320
Weight / LBS	19.359
Height	3.819 Inch   97 Millimeter
Bore 2	4.055 Inch   103 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
Bore 1	3.346 Inch   85 Millimeter



## Bearing USA CORP.

bore diameter:	85 mm
static load capacity:	570 kN
outside diameter:	170 mm
dynamic load capacity:	225 kN
overall width:	97 mm
maximum rpm:	1400 RPM
thrust bearing type:	Double-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
precision rating:	Not Rated
series:	523
$D_1$	103 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
$d_a$	100 mm
$D_a$ max.	128 mm
$r_a$ max.	1 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	225 kN
Basic static load rating $C_0$	570 kN
Fatigue load limit $P_u$	18.3 kN
Minimum load factor A	1.9
Mass bearing (including seat washer where applicable)	8.95 kg