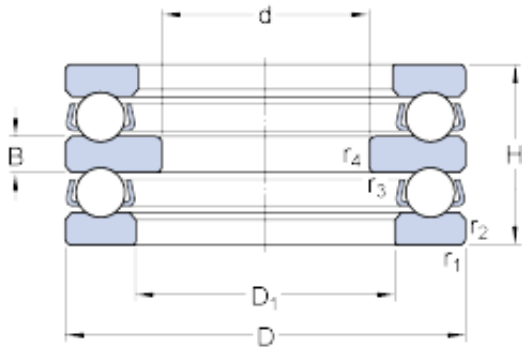




# Timken BEARING MFG.CORP



30 mm x 68 mm x 10 mm SKF 52307 thrust ball bearings

Bearing No. 52307

52307 Bearing 2D drawings and 3D CAD models

Size	68x30x44 mm
Bore Diameter	68 mm
Outer Diameter	30 mm
Width	44 mm
d	30 mm
D	68 mm
H	44 mm
D <sub>1</sub>	35 mm
B	10 mm
r <sub>1,2</sub> - min.	1 mm
r <sub>3,4</sub> - min.	0.3 mm
d <sub>a</sub>	35 mm
D <sub>a</sub> - max.	48 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.3 mm
Basic dynamic load rating - C	49.4 kN
Basic static load rating - C <sub>0</sub>	96.5 kN
Fatigue load limit - P <sub>u</sub>	3.6 kN
Reference speed	2400 r/min
Limiting speed	3400 r/min
Minimum load factor - A	0.048
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF



## Timken BEARING MFG.CORP

Minimum Buy Quantity	N/A
Weight / Kilogram	0.701
EAN	7316577007216
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	30MM Bore 1; 37MM Bore 2; 68MM Outside Diameter; 44MM 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	52307
Weight / LBS	1.543
Bore 2	1.457 Inch   37 Millimeter
Outside Diameter	2.677 Inch   68 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	1.181 Inch   30 Millimeter
Height	1.732 Inch   44 Millimeter



## Timken BEARING MFG.CORP

bore diameter:	30 mm
static load capacity:	96.5 kN
outside diameter:	68 mm
dynamic load capacity:	49.4 kN
overall width:	44 mm
maximum rpm:	3400 RPM
thrust bearing type:	Double-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.3 mm
separable or banded:	Separable
series:	523
precision rating:	ABEC 1 (ISO Class Normal)
$D_1$	35 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.3 mm
$d_a$	35 mm
$D_a$ max.	48 mm
$r_a$ max.	1 mm
$r_b$ max.	0.3 mm
Basic dynamic load rating C	49.4 kN
Basic static load rating $C_0$	96.5 kN
Fatigue load limit $P_u$	3.55 kN
Minimum load factor A	0.048
Mass bearing (including seat washer where applicable)	0.68 kg