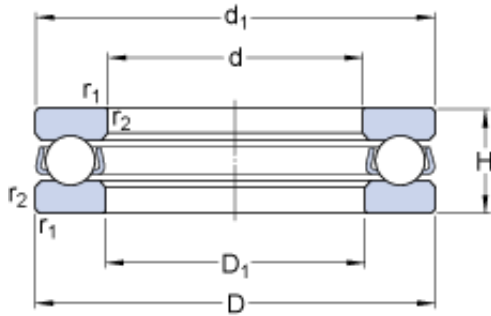




# Bearings International Co., Ltd



51244 M Bearing 2D drawings and 3D CAD models

## SKF 51244 M thrust ball bearings

Bearing No. 51244 M

Size	300x220x63 mm
Bore Diameter	300 mm
Outer Diameter	220 mm
Width	63 mm
d	220 mm
D	300 mm
H	63 mm
d <sub>1</sub>	295 mm
D <sub>1</sub>	224 mm
r <sub>1,2</sub> - min.	2 mm
d <sub>a</sub> - min.	268 mm
D <sub>a</sub> - max.	252 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	358 kN
Basic static load rating - C <sub>0</sub>	1460 kN
Fatigue load limit - P <sub>u</sub>	33.5 kN
Reference speed	950 r/min
Limiting speed	1300 r/min
Minimum load factor - A	11
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	13.323
EAN	7316577121165



## Bearings International Co., Ltd

Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Brass
Precision Class	ABEC 1   ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row   Roller Guided
Long Description	220MM Bore 1; 224MM Bore 2; 300MM Outside Diameter; 63MM Height; Ball Bearing; Single Direction; Not Banded; Brass 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	51244 M
Weight / LBS	29.346
Bore 2	8.819 Inch   224 Millimeter
Height	2.48 Inch   63 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	8.661 Inch   220 Millimeter
Outside Diameter	11.811 Inch   300 Millimeter
d <sub>1</sub>	295 mm
D <sub>1</sub>	224 mm
r <sub>1,2</sub> min.	2 mm



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$d_a$ min.	268 mm
$D_a$ max.	252 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	358 kN
Basic static load rating $C_0$	1460 kN
Fatigue load limit $P_u$	33.5 kN
Minimum load factor A	11
Mass bearing (including seat washer where applicable)	13 kg