



# BROWNING BEARING COMPANY



20 mm x 52 mm x 15 mm skf 6304 bearing

Bearing No. 6304

6304 Bearing 2D drawings and 3D CAD models

Size	52x20x15 mm
Bore Diameter	52 mm
Outer Diameter	20 mm
Width	15 mm
d	20 mm
D	52 mm
B	15 mm
d <sub>1</sub>	30.35 mm
D <sub>2</sub>	44.71 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	27 mm
D <sub>a</sub> - max.	45 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	16.8 kN
Basic static load rating - C <sub>0</sub>	7.8 kN
Fatigue load limit - P <sub>u</sub>	0.335 kN
Reference speed	30000 r/min
Limiting speed	19000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	12
Category	Single Row Ball Bearings
Inventory	95.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.146



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EAN	7316571124742
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	20MM Bore; 52MM Outside Diameter; 15MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6304
Weight / LBS	0.32
Bore	0.787 Inch   20 Millimeter
Outside Diameter	2.047 Inch   52 Millimeter
Outer Race Width	0.591 Inch   15 Millimeter
d <sub>1</sub>	30.35 mm
D <sub>2</sub>	44.71 mm
d <sub>a</sub> min.	27 mm
D <sub>a</sub> max.	45 mm



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$r_a$ max.	1 mm
Basic dynamic load rating C	16.8 kN
Basic static load rating $C_0$	7.8 kN
Fatigue load limit $P_u$	0.335 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	12
Mass bearing	0.14 kg