



# BEARING CORP.OF AMERICA



20 mm x 52 mm x 15 mm skf 6304 Deep groove ball bearings

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



## BEARING CORP.OF AMERICA

Weight / Kilogram	0.146
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



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$D_a$ max.	45 mm
$r_a$ 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