



# USK BEARING COMPANY



20 mm x 52 mm x 15 mm skf 6304 ETN9 Deep groove ball bearings

Bearing No. 6304 ETN9

6304 ETN9 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>1</sub>	42.6 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	18.2 kN
Basic static load rating - C <sub>0</sub>	9 kN
Fatigue load limit - P <sub>u</sub>	0.38 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	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.135
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	Polyamide
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	20MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Polyamide Cage
Other Features	Deep Groove   Reinforced Ball Set
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>
Weight / LBS	0.32
Outer Race Width	0.591 Inch   15 Millimeter
Bore	0.787 Inch   20 Millimeter
Outside Diameter	2.047 Inch   52 Millimeter
Inner Race Width	0 Inch   0 Millimeter
d <sub>1</sub>	30.35 mm



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$D_1$	42.6 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	27 mm
$D_a$ max.	45 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	18.2 kN
Basic static load rating $C_0$	9 kN
Fatigue load limit $P_u$	0.38 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	12
Mass bearing	0.14 kg