



# SAFS BEARING SALES COMPANY



20 mm x 47 mm x 14 mm skf W 6204 Deep groove ball bearings

Bearing No. W 6204

W 6204 Bearing 2D drawings and 3D CAD models

Size	47x20x14 mm
Bore Diameter	47 mm
Outer Diameter	20 mm
Width	14 mm
d	20 mm
D	47 mm
B	14 mm
d <sub>1</sub>	29.5 mm
D <sub>2</sub>	40.9 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	25 mm
D <sub>a</sub> - max.	42 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	12.5 kN
Basic static load rating - C <sub>0</sub>	6.6 kN
Fatigue load limit - P <sub>u</sub>	0.28 kN
Reference speed	34000 r/min
Limiting speed	22000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0
EAN	7316570124231
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	Stainless Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	20MM Bore; 47MM Outside Diameter; 14MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless Steel
Other Features	Deep Groove
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	W 6204
Weight / LBS	0.237
Outer Race Width	0.551 Inch   14 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	0.787 Inch   20 Millimeter
Outside Diameter	1.85 Inch   47 Millimeter



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$d_1$	29.5 mm
$D_2$	40.92 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	25 mm
$D_a$ max.	42 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	10.8 kN
Basic static load rating $C_0$	6.55 kN
Fatigue load limit $P_u$	0.28 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.1
Mass bearing	0.1 kg