



6204 Bearing 2D drawings and 3D CAD models

SKF DOUBLE SHIELD RADIAL/DEEP GROOVE BALL BEARING 6204 2ZJEM NIB

Bearing No. 6204

Size	47x20x14 mm
Bore Diameter	47 mm
Outer Diameter	20 mm
Width	14 mm
d	20 mm
D	47 mm
B	14 mm
d ₁	28.8 mm
D ₂	40.59 mm
r _{1,2} - min.	1 mm
d _a - min.	25.6 mm
D _a - max.	41.4 mm
r _a - max.	1 mm
Basic dynamic load rating - C	13.5 kN
Basic static load rating - C ₀	6.6 kN
Fatigue load limit - P _u	0.28 kN
Reference speed	32000 r/min
Limiting speed	20000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.109
EAN	7316577061645
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; 47MM Outside Diameter; 14MM 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	http://www.skf.com
Manufacturer Item Number	6204
Weight / LBS	0.24
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter
Bore	0.787 Inch 20 Millimeter
d ₁	28.8 mm
D ₂	40.59 mm
r _{1,2} min.	1 mm



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d_a min.	25.6 mm
D_a max.	41.4 mm
r_a max.	1 mm
Basic dynamic load rating C	13.5 kN
Basic static load rating C_0	6.55 kN
Fatigue load limit P_u	0.28 kN
Calculation factor k_r	0.025
Calculation factor f_0	13
Mass bearing	0.1 kg