



PCIF BEARING LIMITED



35 mm x 80 mm x 21 mm skf 6307 nr bearing

Bearing No. 6307 nr

6307 nr Bearing 2D drawings and 3D CAD models

Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.474
EAN	7316577738875
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	35MM Bore; 80MM Outside Diameter; 21MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove With Snap Ring
Category	Single Row Ball Bearing



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UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6307 NR
Weight / LBS	1.0427
Outer Race Width	0.827 Inch 21 Millimeter
D	3.15 Inch 80 Millimeter
Inner Race Width	0 Inch 0 Millimeter
d	1.378 Inch 35 Millimeter
d	35 mm
D	80 mm
B	21 mm
d ₁	49.56 mm
D ₂	69.2 mm
D ₃	76.81 mm
D ₄	86.6 mm
b	1.9 mm
C	3.28 mm
f	1.7 mm
r ₀ max.	0.6 mm
r _{1,2} min.	1.5 mm
d _a min.	44 mm
D _a max.	71 mm
D _b min.	88 mm
b _a min.	2.2 mm
C _a max.	4.98 mm
r _a max.	1.5 mm
Basic dynamic load rating C	35.1 kN
Basic static load rating C ₀	19 kN
Fatigue load limit P _u	0.82 kN



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Reference speed	19000 r/min
Limiting speed	12000 r/min
Calculation factor k_r	0.03
Calculation factor f_0	13
Mass bearing	0.47 kg
Snap ring	SP 80