



Bearing USA CORP.



SKF Ball Bearing 6307 6308 6309 6310 Zz 2RS Open

Bearing No. 6307

6307 Bearing 2D drawings and 3D CAD models

Size	35x80x21 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
C	21 mm
d1	49,5 mm
r1 min.	1,5 mm
r2 min.	1,5 mm
D1	65,4 mm
D2	69,2 mm
da min.	44 mm
Da max.	71 mm
rc max.	1,5 mm
Weight	0,46 Kg
Basic dynamic load rating (C)	35,1 kN
Basic static load rating (C0)	19 kN
Fatigue load limit (Pu)	0,815
Reference speed	19000 r/min
Limiting speed	12000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings
Inventory	3.0



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Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.459
EAN	7316577738745
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	35MM Bore; 80MM Outside Diameter; 21MM 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	6307
Weight / LBS	1.01
Outside Diameter	3.15 Inch 80 Millimeter
Bore	1.378 Inch 35 Millimeter
Outer Race Width	0.827 Inch 21 Millimeter
d ₁	49.56 mm



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D_2	69.2 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	44 mm
D_a max.	71 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	0.815 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Mass bearing	0.46 kg