



BEARING USA CORP.



35 mm x 80 mm x 21 mm SKF 6307-2Z Deep groove ball bearings

Bearing No. 6307-2Z

6307-2Z Bearing 2D drawings and 3D CAD models

Size	80x35x21 mm
Bore Diameter	80 mm
Outer Diameter	35 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
d ₁	49.56 mm
D ₂	69.2 mm
r _{1,2} - min.	1.5 mm
d _a - min.	44 mm
d _a - max.	49.5 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
Reference speed	19000 r/min
Limiting speed	9500 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.1
Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.47
EAN	7316570767445
Product Group	B00308
Enclosure	2 Metal Shields
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; 2 Metal Shields; 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	6307-2Z
Weight / LBS	1.04
Outer Race Width	0.827 Inch 21 Millimeter
Bore	1.378 Inch 35 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
d ₁	49.56 mm
D ₂	69.2 mm



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d_a min.	44 mm
d_a max.	49.5 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	0.47 kg