



## BEARING FORGE OF AMERICA CORP.



35 mm x 80 mm x 21 mm skf 6307 bearing

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
Manufacturer Name	SKF



## BEARING FORGE OF AMERICA CORP.

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	<a href="http://www.skf.com">http://www.skf.com</a>
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 <sub>1</sub>	49.56 mm
D <sub>2</sub>	69.2 mm



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$r_{1,2}$ 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