



Bearing No. 6307

D	80 mm
d	35 mm
B	21 mm
C	21 mm
D2	69,2 mm
d1	49,5 mm
D1	65,4 mm
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
Weight	0,46 Kg
UNSPSC	31171504
rc max.	1,5 mm
Da max.	71 mm
da min.	44 mm
r2 min.	1,5 mm
r1 min.	1,5 mm
Category	Single Row Ball Bearing
Inventory	3.0
Size (mm)	35x80x21
Snap Ring	No
Enclosure	Open
Width (mm)	21
Weight / LBS	1.01
Mass bearing	0.46 kg
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Bearing number	6307

Limiting speed	12000 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	19000 r/min
Rolling Element	Ball Bearing
Outer Race Width	0.827 Inch 21 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Manufacturer URL	http://www.skf.com
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
Weight / Kilogram	0.459
Manufacturer Name	SKF
Internal Clearance	C0-Medium
Bore Diameter (mm)	35
r _a max.	1.5 mm
D _a max.	71 mm
d _a min.	44 mm
Outer Diameter (mm)	80
r _{1,2} min.	1.5 mm
Minimum Buy Quantity	N/A
D ₂ ?	69.2 mm
d ₁ ?	49.56 mm
Harmonized Tariff Code	8482.10.50.68
Calculation factor (f0)	13
Fatigue load limit (Pu)	0,815
Manufacturer Item Number	6307
Internal Special Features	No

Basic dynamic load rating C	35.1 kN
Basic dynamic load rating (C)	35,1 kN
Basic static load rating (C ₀)	19 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.815 kN
Calculation factor k _r	0.03
Calculation factor f ₀	13.1
Basic static load rating C ₀	19 kN