



### Bearing No. 6307-RS1

C	21 mm
d	35 mm
D	80 mm
B	21 mm
d2	- mm
D2	1,5 mm
D1	69,2 mm
d1	49,5 mm
Noun	Bearing
Bore	1.378 Inch   35 Millimeter
UNSPSC	31171504
Weight	0,47 Kg
r1 min.	44 mm
r2 min.	44 mm
Da max.	71 mm
ra max.	1,5 mm
da min.	49,5 mm
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	35x80x21
Inventory	0.0
Enclosure	1 Seal
Width (mm)	21
Weight / LBS	1.02
Mass bearing	0.46 kg
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Enclosure Type	Contact Seal

Keyword String	Ball
Bearing number	6307-RS1
Limiting speed	6000 r/min
Precision Class	ABEC 1   ISO P0
Reference speed	– r/min
Rolling Element	Ball Bearing
Outer Race Width	0.827 Inch   21 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	35MM Bore; 80MM Outside Diameter; 21MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.464
Manufacturer Name	SKF
Internal Clearance	C0-Medium
$r_a$ max.	1.5 mm
$D_a$ max.	71 mm
$d_a$ max.	49.5 mm
$d_a$ min.	44 mm
Bore Diameter (mm)	35
Outer Diameter (mm)	80
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.5 mm
$D_2$ ?	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	6307-RS1

Number	
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 <sub>0</sub> )	19 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P <sub>u</sub>	0.815 kN
Calculation factor k <sub>r</sub>	0.03
Calculation factor f <sub>0</sub>	13.1
Basic static load rating C <sub>0</sub>	19 kN