



Bearing No. 6307-2RS1

D	80 mm
d	35 mm
B	21 mm
C	21 mm
D1	69,2 mm
D2	1,5 mm
d1	49,5 mm
d2	- mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
UNSPSC	31171504
Weight	0,47 Kg
r2 min.	44 mm
r1 min.	44 mm
da min.	49,5 mm
Da max.	71 mm
ra max.	1,5 mm
series:	63
Category	Single Row Ball Bearing
Inventory	10.0
Size (mm)	35x80x21
Snap Ring	No
Enclosure	2 Seals
Width (mm)	21
bore type:	Round
Weight / LBS	1.04
Mass bearing	0.47 kg
maximum rpm:	6000 RPM
Product Group	B00308

closure type:	Double Sealed
Cage Material	Steel
Inch - Metric	Metric
bore diameter:	35 mm
overall width:	21 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	1.5 mm
Bearing number	6307-2RS1
Enclosure Type	Contact Seal
Limiting speed	6000 r/min
Reference speed	– r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outside Diameter	3.15 Inch 80 Millimeter
Outer Race Width	0.827 Inch 21 Millimeter
Long Description	35MM Bore; 80MM Outside Diameter; 21MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.474
outer ring width:	21 mm
outside diameter:	80 mm
r _a max.	1.5 mm
Internal Clearance	C0-Medium
D _a max.	71 mm

d _a max.	49.5 mm
d _a min.	44 mm
Bore Diameter (mm)	35
Outer Diameter (mm)	80
internal clearance:	C0
Minimum Buy Quantity	N/A
r _{1,2} min.	1.5 mm
d ₁ ?	49.56 mm
D ₂ ?	69.2 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	19 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	35.1 kN
Calculation factor (f ₀)	13
Fatigue load limit (P _u)	0,815
Manufacturer Item Number	6307-2RS1
Internal Special Features	No
Basic dynamic load rating C	35.1 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating (C)	35,1 kN
Basic static load rating (C0)	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