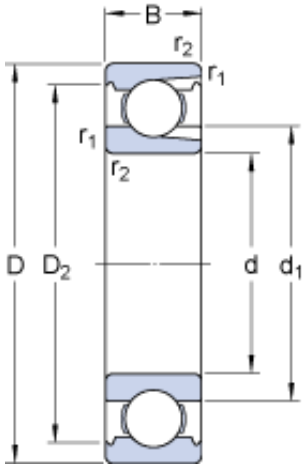

Bearing No. 307

D	80 mm
d	35 mm
B	21 mm
Noun	Bearing
Bore	1.378 Inch | 35 Millimeter
UNSPSC	31171504
series:	30
Category	Single Row Ball Bearing
Inventory	1.0
Enclosure	Open
Size (mm)	80x35x21
Snap Ring	No
Width (mm)	21
bore type:	Round
Weight / LBS	1.1
Mass bearing	0.48 kg
maximum rpm:	9500 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
D2	69.2 mm
d1	49.56 mm
Keyword String	Ball
bore diameter:	35 mm
cage material:	Steel
fillet radius:	1.5 mm
overall width:	21 mm
Bearing number	307

Limiting speed	9500 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 | ISO P0
Reference speed	16000 r/min
Manufacturer URL	http://www.skf.com
Long Description	35MM Bore; 80MM Outside Diameter; 21MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 | ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.827 Inch | 21 Millimeter
Outside Diameter	3.15 Inch | 80 Millimeter
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	80 mm
outer ring width:	21 mm
Manufacturer Name	SKF
Weight / Kilogram	0.5
da min.	44 mm
Bore Diameter (mm)	80
Da max.	71 mm
Internal Clearance	C0-Medium
ra max.	1.5 mm
internal clearance:	C0
Outer Diameter (mm)	35
snap ring included:	Without Snap Ring
da - min.	44 mm
r1,2 min.	1.5 mm
ra - max.	1.5 mm
Da - max.	71 mm
Minimum Buy Quantity	N/A

static load capacity:	26.5 kN
D2 ?	69.2 mm
d1 ?	49.56 mm
row type & fill slot:	Single Row Filling Slot
r1,2 - min.	1.5 mm
dynamic load capacity:	34.7 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	307
Internal Special Features	No
thrust application warning:	This product can not be used in Thrust Applications
Basic dynamic load rating C	34.7 kN
Basic dynamic load rating - C	34.7 kN
Maximum Capacity / Filling Slot	Yes
Fatigue load limit Pu	1.12 kN
Calculation factor kr	0.05
Fatigue load limit - Pu	1.1 kN
Calculation factor - kr	0.05
Basic static load rating C0	26.5 kN
Basic static load rating - C0	26.5 kN