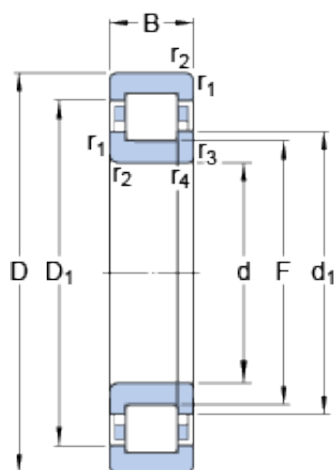




Bearing No. NUP 307 ECJ

B	21 mm
F	46.2 mm
d	35 mm
D	80 mm
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
Width	0.827 Inch 21 Millimeter
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NUP3
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	80x35x21
Snap Ring	No
Separable	No
Inventory	0.0
Width (mm)	21
bore type:	Straight
maximum rpm:	11000 RPM
Weight / LBS	1.146
Bore Profile	Straight
Mass bearing	0.51 kg
D ₁	65.8 mm
Product Group	B04144
d ₁	51 mm

Cage Material	Steel
Inch - Metric	Metric
closure type:	Open
Bearing number	NUP 307 ECJ
cage material:	Steel
Limiting speed	11000 r/min
overall width:	21 mm
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
bore diameter:	35 mm
fillet radius:	1.5 mm
finish/coating:	Uncoated
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Reference speed	9500 r/min
number of rows:	1
Outside Diameter	3.15 Inch 80 Millimeter
ring separation:	Separable Ring
Long Description	35MM Bore; Straight Bore Profile; 80MM Outside Diameter; 21MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Retai
Manufacturer URL	http://www.skf.com
Limiting value e	0.2
bearing material:	Steel
outer ring width:	21 mm

outside diameter:	80 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.52
Bore Diameter (mm)	80
r_a max.	1.5 mm
d_a min.	44 mm
d_b min.	53 mm
D_a max.	72.2 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	35
internal clearance:	C0
Axial load factor Y	0.6
r_a - max.	1.5 mm
D_a - max.	72.2 mm
d_b - min.	53 mm
d_a - min.	44 mm
$r_{3,4}$ min.	1.1 mm
$r_{1,2}$ min.	1.5 mm
Minimum Buy Quantity	N/A
d_1 ?	51 mm
static load capacity:	63 kN
D_1 ?	65.8 mm
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	75 kN
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 307 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	75 kN

operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	75 kN
Fatigue load limit P_u	8.15 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	8.2 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	63 kN
Basic static load rating - C_0	63 kN