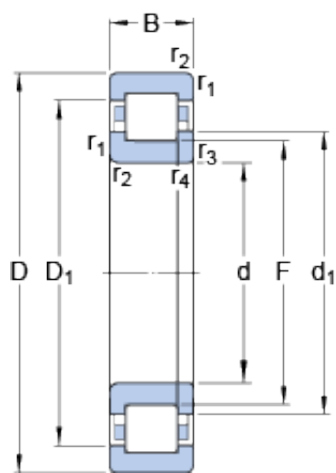




Bearing No. NUP 307 ECP

F	46.2 mm
D	80 mm
B	21 mm
d	35 mm
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
Width	0.827 Inch 21 Millimeter
UNSPSC	31171547
series:	NUP3
Profile	Complete with Outer and Inner Ring
Retainer	Yes
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Separable	No
Size (mm)	80x35x21
Inventory	0.0
Snap Ring	No
Width (mm)	21
bore type:	Straight
Bore Profile	Straight
Mass bearing	0.49 kg
Weight / LBS	1.14
maximum rpm:	11000 RPM
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
closure type:	Open

Product Group	B04144
D ₁	65.8 mm
Cage Material	Polymer
Inch - Metric	Metric
d ₁	51 mm
overall width:	21 mm
cage material:	Polyamide
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	1.5 mm
bore diameter:	35 mm
Bearing number	NUP 307 ECP
Limiting speed	11000 r/min
finish/coating:	Uncoated
Reference speed	9500 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
ring separation:	Separable Ring
Long Description	35MM Bore; Straight Bore Profile; 80MM Outside Diameter; 21MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Outside Diameter	3.15 Inch 80 Millimeter
Limiting value e	0.2
Manufacturer URL	http://www.skf.com

Manufacturer Name	SKF
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	80 mm
outer ring width:	21 mm
bearing material:	Steel
Weight / Kilogram	0.518
d _b min.	53 mm
D _a max.	72.2 mm
d _a min.	44 mm
Bore Diameter (mm)	80
r _a max.	1.5 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.6
internal clearance:	C0
Outer Diameter (mm)	35
d _a - min.	44 mm
D _a - max.	72.2 mm
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm
r _{3,4} min.	1.1 mm
r _{1,2} min.	1.5 mm
d _b - min.	53 mm
d ₁ ?	51 mm
D ₁ ?	65.8 mm
static load capacity:	63 kN
dynamic load capacity:	75 kN
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 307 ECP
Number of Rows of	Single Row

Rollers	
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