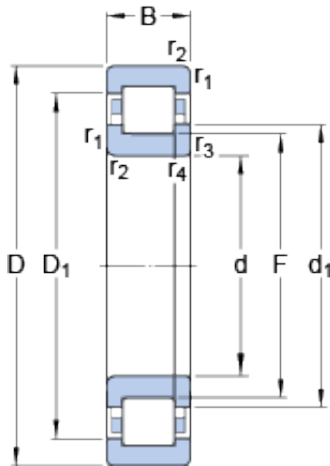




Bearing No. NUP 2307 ECP

F	46.2 mm
D	80 mm
B	31 mm
d	35 mm
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
Width	1.22 Inch 31 Millimeter
UNSPSC	31171547
series:	NUP23
Profile	Complete with Outer and Inner Ring
Retainer	Yes
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Separable	No
Size (mm)	80x35x31
Inventory	1.0
Snap Ring	No
Width (mm)	31
bore type:	Straight
Bore Profile	Straight
Mass bearing	0.76 kg
Weight / LBS	1.716
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:	31 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 2307 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; 31MM Width; Polymer Cage Matetrial; 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	0.3
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF

precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	80 mm
outer ring width:	31 mm
bearing material:	Steel
Weight / Kilogram	0.779
d _b min.	53 mm
D _a max.	72.2 mm
d _a min.	43 mm
Bore Diameter (mm)	80
r _a max.	1.5 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.4
internal clearance:	C0
Outer Diameter (mm)	35
d _a - min.	43 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:	98 kN
dynamic load capacity:	106 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 2307 ECP
Number of Rows of Rollers	Single Row

Basic dynamic load rating C	106 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	106 kN
Fatigue load limit P_u	12.7 kN
Calculation factor k_r	0.25
Fatigue load limit - P_u	12.7 kN
Calculation factor - k_r	0.25
Basic static load rating C_0	98 kN
Basic static load rating - C_0	98 kN