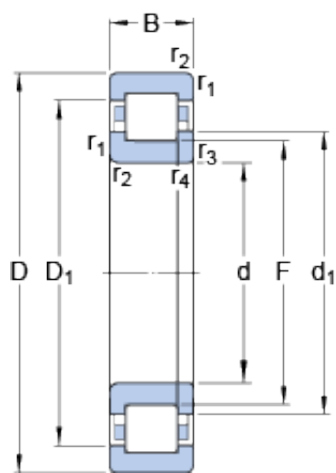




Bearing No. NUP 312 ECP

F	77 mm
D	130 mm
B	31 mm
d	60 mm
Noun	Bearing
Bore	2.362 Inch 60 Millimeter
Width	1.22 Inch 31 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)	130x60x31
Inventory	2.0
Snap Ring	No
Width (mm)	31
bore type:	Straight
Bore Profile	Straight
Mass bearing	1.91 kg
Weight / LBS	4.292
maximum rpm:	6700 RPM
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
closure type:	Open
Product Group	B04144

D ₁	108.5 mm
Cage Material	Polymer
Inch - Metric	Metric
d ₁	84.3 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:	2 mm
bore diameter:	60 mm
Bearing number	NUP 312 ECP
Limiting speed	6700 r/min
finish/coating:	Uncoated
Reference speed	5600 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
ring separation:	Separable Ring
Long Description	60MM Bore; Straight Bore Profile; 130MM Outside Diameter; 31MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Re
Outside Diameter	5.118 Inch 130 Millimeter
Limiting value e	0.2
Manufacturer URL	http://www.skf.com

Manufacturer Name	SKF
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	130 mm
outer ring width:	31 mm
bearing material:	Steel
Weight / Kilogram	1.949
d _b min.	87 mm
D _a max.	118.1 mm
d _a min.	72 mm
Bore Diameter (mm)	130
r _a max.	2 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.6
internal clearance:	C0
Outer Diameter (mm)	60
d _a - min.	72 mm
D _a - max.	118.1 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm
r _{3,4} min.	2.1 mm
r _{1,2} min.	2.1 mm
d _b - min.	87 mm
d ₁ ?	84.3 mm
D ₁ ?	108.6 mm
static load capacity:	160 kN
dynamic load capacity:	173 kN
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 312 ECP
Number of Rows of	Single Row

Rollers	
Basic dynamic load rating C	173 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	173 kN
Fatigue load limit P_u	21.2 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	21.2 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	160 kN
Basic static load rating - C_0	160 kN