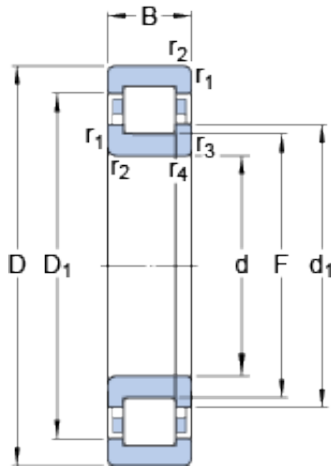




Bearing No. NUP 2214 ECP

F	83.5 mm
d	70 mm
B	31 mm
D	125 mm
Noun	Bearing
Bore	2.756 Inch 70 Millimeter
Width	1.22 Inch 31 Millimeter
UNSPSC	31171547
series:	NUP22
Profile	Complete with Outer and Inner Ring
Retainer	Yes
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Separable	No
Size (mm)	125x70x31
Inventory	0.0
Snap Ring	No
Width (mm)	31
bore type:	Straight
Bore Profile	Straight
Mass bearing	1.57 kg
Weight / LBS	3.545
maximum rpm:	6300 RPM
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
closure type:	Open
Product Group	B04144

D ₁	108.2 mm
Cage Material	Polymer
Inch - Metric	Metric
d ₁	89.4 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:	70 mm
Bearing number	NUP 2214 ECP
Limiting speed	6300 r/min
finish/coating:	Uncoated
Reference speed	6000 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Limiting value e	0.3
Long Description	70MM Bore; Straight Bore Profile; 125MM Outside Diameter; 31MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Re
Outside Diameter	4.921 Inch 125 Millimeter

precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
outer ring width:	31 mm
outside diameter:	125 mm
Weight / Kilogram	1.609
Manufacturer Name	SKF
Bore Diameter (mm)	125
d _b min.	92 mm
D _a max.	115.4 mm
r _a max.	1.5 mm
d _a min.	79 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.4
internal clearance:	C0
Outer Diameter (mm)	70
d _a - min.	79 mm
D _a - max.	115.4 mm
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm
r _{3,4} min.	1.5 mm
r _{1,2} min.	1.5 mm
d _b - min.	92 mm
d ₁ ?	89.4 mm
D ₁ ?	108.2 mm
static load capacity:	193 kN
dynamic load capacity:	180 kN
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 2214 ECP
Number of Rows of	Single Row

Rollers	
Basic dynamic load rating C	180 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	180 kN
Fatigue load limit P_u	25.5 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	25.5 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	193 kN
Basic static load rating - C_0	193 kN