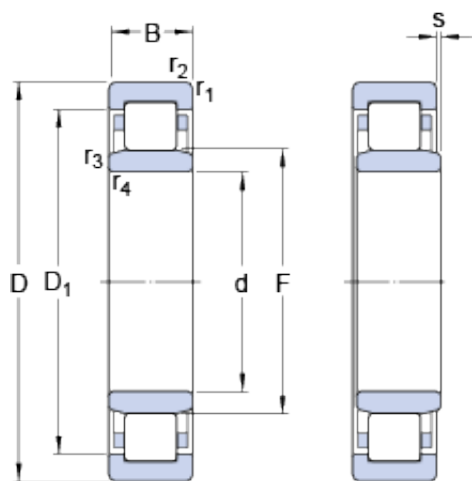




Bearing No. NU 2214 ECP

D	125 mm
d	70 mm
B	31 mm
F	83.5 mm
s	1.7 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
Width	1.22 Inch 31 Millimeter
s max.	1.7 mm
UNSPSC	31171547
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	125x70x31
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	31
Bore Profile	Straight
Mass bearing	1.48 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	3.359
maximum rpm:	6300 RPM
closure type:	Open

Inch - Metric	Metric
Product Group	B04144
Cage Material	Polymer
D ₁	108.2 mm
bore diameter:	70 mm
overall width:	31 mm
cage material:	Polyamide
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	1.5 mm
Bearing number	NU 2214 ECP
Limiting speed	6300 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	6000 r/min
Outside Diameter	4.921 Inch 125 Millimeter
Limiting value e	0.3
Long Description	70MM Bore; Straight Bore Profile; 125MM Outside Diameter; 31MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Manufacturer URL	http://www.skf.com
ring separation:	Separable Ring

bearing material:	Steel
outside diameter:	125 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	31 mm
Weight / Kilogram	1.525
Manufacturer Name	SKF
D _a max.	115.4 mm
d _a max.	81 mm
r _a max.	1.5 mm
r _b max.	1.5 mm
d _a min.	79 mm
Bore Diameter (mm)	125
Internal Clearance	C0-Medium
d _b min.	86 mm
Outer Diameter (mm)	70
Axial load factor Y	0.4
internal clearance:	C0
r _{3,4} min.	1.5 mm
r _{1,2} min.	1.5 mm
d _a - min.	79 mm
r _a - max.	1.5 mm
Minimum Buy Quantity	N/A
r _b - max.	1.5 mm
d _a - max.	81 mm
d _b - min.	86 mm
D _a - max.	115.4 mm
static load capacity:	193 kN
D ₁ ?	108.2 mm
r _{3,4} - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00
r _{1,2} - min.	1.5 mm
dynamic load capacity:	180 kN

Manufacturer Item Number	NU 2214 ECP
Number of Rows of Rollers	Single Row
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