



Bearing No. NJ 214 ECP

F	83.5 mm
s	1.2 mm
d	70 mm
D	125 mm
B	24 mm
Noun	Bearing
Bore	2.756 Inch 70 Millimeter
Width	0.945 Inch 24 Millimeter
s max.	1.2 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NJ2
flanges:	(2) Outer Ring, (1) Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Separable	Inner Ring - One Side
Size (mm)	125x70x24
Inventory	0.0
Snap Ring	No
Width (mm)	24
bore type:	Straight
Bore Profile	Straight
Mass bearing	1.18 kg
Weight / LBS	2.679
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	6300 RPM
closure type:	Open
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric
D ₁	108.3 mm
d ₁	89.4 mm
bore diameter:	70 mm
overall width:	24 mm
cage material:	Polyamide
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	1.5 mm
Relubricatable	Yes
Bearing number	NJ 214 ECP
Limiting speed	6300 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	6000 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	4.921 Inch 125 Millimeter
Long Description	70MM Bore; Straight Bore Profile; 125MM Outside Diameter; 24MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable;

	C0-Medium Inte
Limiting value e	0.2
ring separation:	Separable Ring
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
outer ring width:	24 mm
Weight / Kilogram	1.216
Manufacturer Name	SKF
outside diameter:	125 mm
Bore Diameter (mm)	125
Internal Clearance	C0-Medium
d _a min.	79 mm
d _a max.	81 mm
D _a max.	115.4 mm
r _a max.	1.5 mm
d _b min.	92 mm
Outer Diameter (mm)	70
Axial load factor Y	0.6
internal clearance:	C0
r _{3,4} min.	1.5 mm
r _{1,2} min.	1.5 mm
d _a - min.	79 mm
D _a - max.	115.4 mm
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm
d _a - max.	81 mm
d _b - min.	92 mm
static load capacity:	137 kN
d ₁ ?	89.4 mm
D ₁ ?	108.3 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:	137 kN
Manufacturer Item Number	NJ 214 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	137 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	137 kN
Fatigue load limit P _u	18 kN
Calculation factor k _r	0.15
Fatigue load limit - P _u	18 kN
Calculation factor - k _r	0.15
Basic static load rating C ₀	137 kN
Basic static load rating - C ₀	137 kN