



Bearing No. NJ 2215 ECP

F	88.5 mm
s	1.7 mm
d	75 mm
D	130 mm
B	31 mm
Noun	Bearing
Bore	2.953 Inch 75 Millimeter
Width	1.22 Inch 31 Millimeter
s max.	1.7 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NJ22
flanges:	(2) Outer Ring, (1) Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Separable	Inner Ring - One Side
Size (mm)	130x75x31
Inventory	0.0
Snap Ring	No
Width (mm)	31
bore type:	Straight
Bore Profile	Straight
Mass bearing	1.62 kg
Weight / LBS	3.658
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
maximum rpm:	6000 RPM

closure type:	Open
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric
D ₁	113.2 mm
d ₁	94.3 mm
bore diameter:	75 mm
overall width:	31 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 2215 ECP
Limiting speed	6000 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	5600 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	5.118 Inch 130 Millimeter
Long Description	75MM Bore; Straight Bore Profile; 130MM Outside Diameter; 31MM 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	0.3
ring separation:	Separable Ring
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
outer ring width:	31 mm
Weight / Kilogram	1.661
Manufacturer Name	SKF
outside diameter:	130 mm
Bore Diameter (mm)	130
Internal Clearance	C0-Medium
d _a min.	84 mm
d _a max.	86 mm
D _a max.	121.5 mm
r _a max.	1.5 mm
d _b min.	97 mm
Outer Diameter (mm)	75
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.	84 mm
D _a - max.	121.5 mm
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm
d _a - max.	86 mm
d _b - min.	97 mm
static load capacity:	208 kN
d ₁ ?	94.3 mm
D ₁ ?	113.2 mm
r _{3,4} - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00
	1.5 mm

r^{1,2} - min.

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dynamic load capacity:	186 kN
Manufacturer Item Number	NJ 2215 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	186 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	186 kN
Fatigue load limit P_u	27 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	27 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	208 kN
Basic static load rating - C_0	208 kN