



Bearing No. NU 2211 ECP

D	100 mm
d	55 mm
B	25 mm
F	66 mm
s	1.5 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
Width	0.984 Inch 25 Millimeter
s max.	1.5 mm
UNSPSC	31171547
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	100x55x25
Snap Ring	No
Inventory	1.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	25
Bore Profile	Straight
Mass bearing	0.79 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	1.788
maximum rpm:	8000 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Polymer
D ₁	85.6 mm
bore diameter:	55 mm
overall width:	25 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 2211 ECP
Limiting speed	8000 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	7500 r/min
ring separation:	Separable Ring
Limiting value e	0.3
Long Description	55MM Bore; Straight Bore Profile; 100MM Outside Diameter; 25MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Manufacturer URL	http://www.skf.com
Outside Diameter	3.937 Inch 100

	Millimeter
bearing material:	Steel
outside diameter:	100 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	25 mm
Weight / Kilogram	0.812
Manufacturer Name	SKF
D _a max.	91.4 mm
d _a max.	64 mm
r _a max.	1.5 mm
r _b max.	1 mm
d _a min.	62 mm
Bore Diameter (mm)	100
Internal Clearance	C0-Medium
d _b min.	68 mm
Outer Diameter (mm)	55
Axial load factor Y	0.4
internal clearance:	C0
r _{3,4} min.	1.1 mm
r _{1,2} min.	1.5 mm
d _a - min.	62 mm
r _a - max.	1.5 mm
Minimum Buy Quantity	N/A
r _b - max.	1 mm
d _a - max.	64 mm
d _b - min.	68 mm
D _a - max.	91.4 mm
static load capacity:	118 kN
D ₁ ?	85.7 mm
r _{3,4} - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
	1.5 mm

r_{1,2} - min.

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dynamic load capacity:	114 kN
Manufacturer Item Number	NU 2211 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	114 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	114 kN
Fatigue load limit P_u	15.3 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	15.3 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	118 kN
Basic static load rating - C_0	118 kN