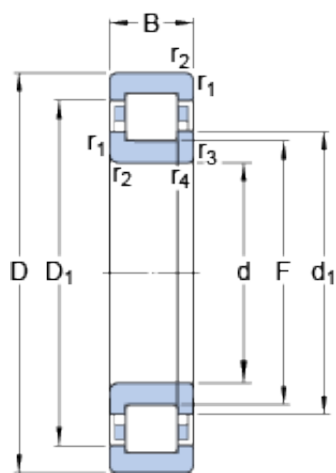




Bearing No. NUP 211 ECP

F	66 mm
D	100 mm
B	21 mm
d	55 mm
Noun	Bearing
Bore	2.165 Inch 55 Millimeter
Width	0.827 Inch 21 Millimeter
UNSPSC	31171547
series:	NUP2
Profile	Complete with Outer and Inner Ring
Retainer	Yes
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Separable	No
Size (mm)	100x55x21
Inventory	0.0
Snap Ring	No
Width (mm)	21
bore type:	Straight
Bore Profile	Straight
Mass bearing	0.68 kg
Weight / LBS	1.55
maximum rpm:	8000 RPM
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
closure type:	Open

Product Group	B04144
D ₁	85.6 mm
Cage Material	Polymer
Inch - Metric	Metric
d ₁	70.8 mm
overall width:	21 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:	55 mm
Bearing number	NUP 211 ECP
Limiting speed	8000 r/min
finish/coating:	Uncoated
Reference speed	7500 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
ring separation:	Separable Ring
Long Description	55MM Bore; Straight Bore Profile; 100MM Outside Diameter; 21MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Re
Limiting value e	0.2
Outside Diameter	3.937 Inch 100 Millimeter

Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	100 mm
outer ring width:	21 mm
bearing material:	Steel
Weight / Kilogram	0.704
d _b min.	73 mm
D _a max.	91.4 mm
d _a min.	63 mm
Bore Diameter (mm)	100
r _a max.	1.5 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.6
internal clearance:	C0
Outer Diameter (mm)	55
d _a - min.	63 mm
D _a - max.	91.4 mm
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm
r _{3,4} min.	1.1 mm
r _{1,2} min.	1.5 mm
d _b - min.	73 mm
d ₁ ?	70.8 mm
D ₁ ?	85.6 mm
static load capacity:	95 kN
dynamic load capacity:	96.5 kN
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 211 ECP

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	96.5 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	96.5 kN
Fatigue load limit P_u	12.2 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	12.2 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	95 kN
Basic static load rating - C_0	95 kN