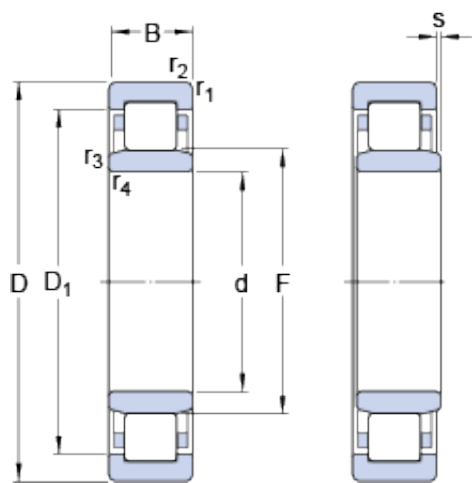




Bearing No. NU 220 ECP

D	180 mm
d	100 mm
B	34 mm
F	119 mm
s	1.7 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
Width	1.339 Inch 34 Millimeter
s max.	1.7 mm
UNSPSC	31171547
series:	NU2
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	180x100x34
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	34
Bore Profile	Straight
Mass bearing	3.46 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	7.619
maximum rpm:	4550 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Polymer
D ₁	155.6 mm
bore diameter:	100 mm
overall width:	34 mm
cage material:	Polyamide
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	2 mm
Bearing number	NU 220 ECP
Limiting speed	4500 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	4000 r/min
ring separation:	Separable Ring
Limiting value e	0.2
Long Description	100MM Bore; Straight Bore Profile; 180MM Outside Diameter; 34MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium I
Manufacturer URL	http://www.skf.com
Outside Diameter	7.087 Inch 180

	Millimeter
bearing material:	Steel
outside diameter:	180 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	34 mm
Weight / Kilogram	3.459
Manufacturer Name	SKF
D _a max.	167.5 mm
d _a max.	116 mm
r _a max.	2 mm
r _b max.	2 mm
d _a min.	113 mm
Bore Diameter (mm)	180
Internal Clearance	C0-Medium
d _b min.	122 mm
Outer Diameter (mm)	100
Axial load factor Y	0.6
internal clearance:	C0
r _{3,4} min.	2.1 mm
r _{1,2} min.	2.1 mm
d _a - min.	113 mm
r _a - max.	2 mm
Minimum Buy Quantity	N/A
r _b - max.	2 mm
d _a - max.	116 mm
d _b - min.	122 mm
D _a - max.	167.5 mm
static load capacity:	305 kN
D ₁ ?	155.55 mm
r _{3,4} - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
	2.1 mm

r_{1,2} - min.	
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dynamic load capacity:	285 kN
Manufacturer Item Number	NU 220 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	285 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	285 kN
Fatigue load limit P_u	36.5 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	36.5 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	305 kN
Basic static load rating - C_0	305 kN