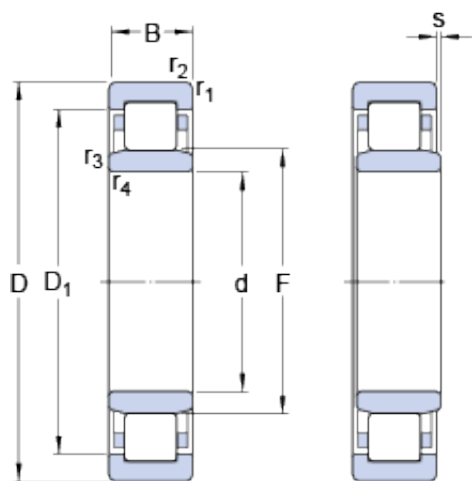




Bearing No. NU 2220 ECP

D	180 mm
d	100 mm
B	46 mm
F	119 mm
s	2.5 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
Width	1.811 Inch 46 Millimeter
s max.	2.5 mm
UNSPSC	31171547
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	180x100x46
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	46
Bore Profile	Straight
Mass bearing	4.75 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	10.626
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:	46 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 2220 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
Manufacturer URL	http://www.skf.com
Outside Diameter	7.087 Inch 180 Millimeter
Limiting value e	0.3
Long Description	100MM Bore; Straight Bore Profile; 180MM Outside Diameter; 46MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable;

	C0-Medium I
outer ring width:	46 mm
Manufacturer Name	SKF
Weight / Kilogram	4.824
bearing material:	Steel
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	180 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	180
r_b max.	2 mm
d_a max.	116 mm
d_b min.	122 mm
D_a max.	167.5 mm
r_a max.	2 mm
d_a min.	113 mm
Outer Diameter (mm)	100
Axial load factor Y	0.4
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:	450 kN
D_1 ?	155.6 mm
$r_{3,4}$ - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
	2.1 mm

r _{1,2} - min.	
-------------------------	--

dynamic load capacity:	380 kN
Manufacturer Item Number	NU 2220 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	380 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	380 kN
Fatigue load limit P_u	54 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	54 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	450 kN
Basic static load rating - C_0	450 kN