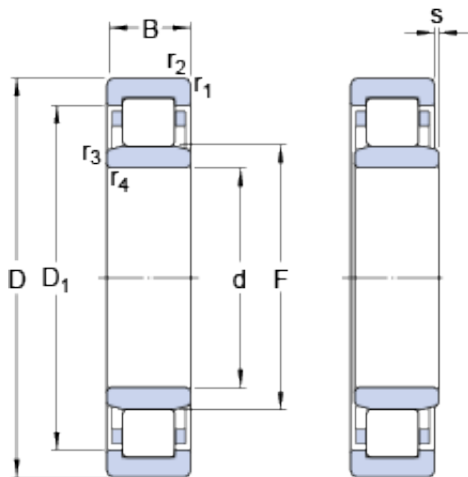




Bearing No. NU 2205 ECP

s	1.8 mm
F	31.5 mm
d	25 mm
D	52 mm
B	18 mm
Noun	Bearing
Bore	0.984 Inch 25 Millimeter
Width	0.709 Inch 18 Millimeter
UNSPSC	31171547
s max.	1.8 mm
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	52x25x18
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	18
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
maximum rpm:	16000 RPM
Weight / LBS	0.378
Bore Profile	Straight
Mass bearing	0.16 kg

D ₁	43.3 mm
Product Group	B04144
closure type:	Open
Cage Material	Polymer
Inch - Metric	Metric
Bearing number	NU 2205 ECP
Relubricatable	Yes
fillet radius:	1 mm
cage material:	Polyamide
bore diameter:	25 mm
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	18 mm
Limiting speed	16000 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Reference speed	14000 r/min
finish/coating:	Uncoated
Precision Class	RBEC 1 ISO P0
Outside Diameter	2.047 Inch 52 Millimeter
Limiting value e	0.3
Long Description	25MM Bore; Straight Bore Profile; 52MM Outside Diameter; 18MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
ring separation:	Separable Ring

Manufacturer URL	http://www.skf.com
outer ring width:	18 mm
Weight / Kilogram	0.172
Manufacturer Name	SKF
outside diameter:	52 mm
precision rating:	RBEC 1 (ISO Class Normal)
D _a max.	46.4 mm
r _b max.	0.6 mm
Bore Diameter (mm)	52
d _a min.	28.9 mm
d _b min.	33 mm
d _a max.	30.4 mm
r _a max.	1 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	25
Axial load factor Y	0.4
internal clearance:	C0
Minimum Buy Quantity	N/A
r _b - max.	0.6 mm
r _a - max.	1 mm
D _a - max.	46.4 mm
d _a - min.	28.9 mm
d _b - min.	33 mm
r _{3,4} min.	0.6 mm
d _a - max.	30.4 mm
r _{1,2} min.	1 mm
static load capacity:	34 kN
D ₁ ?	43.3 mm
r _{1,2} - min.	1 mm
dynamic load capacity:	34.1 kN
r _{3,4} - min.	0.6 mm
Harmonized Tariff Code	8482.50.00.00

Manufacturer Item Number	NU 2205 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	39 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	39 kN
Calculation factor k_r	0.2
Fatigue load limit P_u	4.25 kN
Calculation factor - k_r	0.2
Fatigue load limit - P_u	4.2 kN
Basic static load rating C_0	34 kN
Basic static load rating - C_0	34 kN