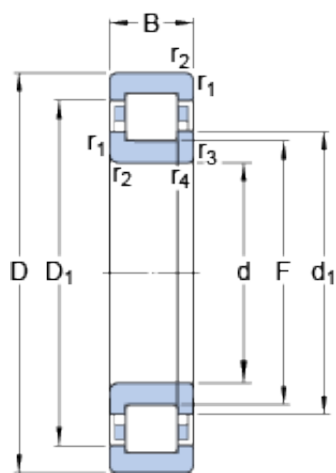




Bearing No. NUP 2205 ECP

D	52 mm
d	25 mm
B	18 mm
F	31.5 mm
Noun	Bearing
Bore	0.984 Inch 25 Millimeter
Width	0.709 Inch 18 Millimeter
UNSPSC	31171547
series:	NUP22
Profile	Complete with Outer and Inner Ring
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Separable	No
Snap Ring	No
Inventory	0.0
Size (mm)	52x25x18
bore type:	Straight
Width (mm)	18
Weight / LBS	0.396
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Bore Profile	Straight
maximum rpm:	16000 RPM
Mass bearing	0.17 kg
closure type:	Open

D ₁	43.3 mm
Product Group	B04144
Cage Material	Polymer
d ₁	34.7 mm
Inch - Metric	Metric
Bearing number	NUP 2205 ECP
overall width:	18 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
bore diameter:	25 mm
Limiting speed	16000 r/min
fillet radius:	1 mm
finish/coating:	Uncoated
Rolling Element	Cylindrical Roller Bearing
Reference speed	14000 r/min
Precision Class	RBEC 1 ISO P0
number of rows:	1
ring separation:	Separable Ring
Outside Diameter	2.047 Inch 52 Millimeter
Long Description	25MM Bore; Straight Bore Profile; 52MM Outside Diameter; 18MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Manufacturer URL	http://www.skf.com

Limiting value e	0.3
outer ring width:	18 mm
Manufacturer Name	SKF
outside diameter:	52 mm
precision rating:	RBEC 1 (ISO Class Normal)
Weight / Kilogram	0.18
r_a max.	1 mm
d_a min.	29.9 mm
d_b min.	36 mm
D_a max.	46.4 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	52
internal clearance:	C0
Axial load factor Y	0.4
Outer Diameter (mm)	25
D_a - max.	46.4 mm
Minimum Buy Quantity	N/A
r_a - max.	1 mm
d_b - min.	36 mm
d_a - min.	29.9 mm
$r_{3,4}$ min.	0.6 mm
$r_{1,2}$ min.	1 mm
d_1 ?	34.7 mm
static load capacity:	34 kN
D_1 ?	43.3 mm
$r_{3,4}$ - min.	0.6 mm
Harmonized Tariff Code	8482.50.00.00
dynamic load capacity:	34.1 kN
$r_{1,2}$ - min.	1 mm
Manufacturer Item Number	NUP 2205 ECP
Number of Rows of	Single Row

Rollers	
Basic dynamic load rating C	39 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	39 kN
Fatigue load limit P_u	4.25 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	4.2 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	34 kN
Basic static load rating - C_0	34 kN