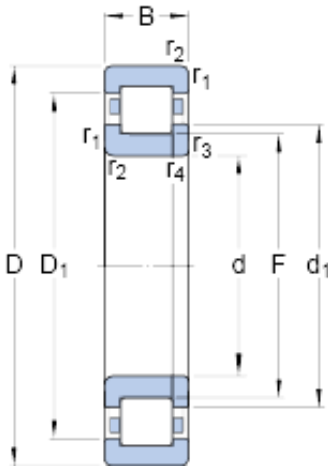




## Bearing company



nup 205 ecp Bearing 2D drawings and 3D CAD models

### 25 mm x 52 mm x 15 mm skf nup 205 ecp bearing

Bearing No. nup 205 ecp

Size	52x25x15 mm
Bore Diameter	52 mm
Outer Diameter	25 mm
Width	15 mm
d	25 mm
D	52 mm
B	15 mm
d <sub>1</sub>	34.7 mm
D <sub>1</sub>	43.3 mm
F	31.5 mm
r <sub>1,2</sub> - min.	1 mm
r <sub>3,4</sub> - min.	0.6 mm
d <sub>a</sub> - min.	29.9 mm
d <sub>b</sub> - min.	36 mm
D <sub>a</sub> - max.	46.4 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	32.5 kN
Basic static load rating - C <sub>0</sub>	27 kN
Fatigue load limit - P <sub>u</sub>	3.4 kN
Reference speed	14000 r/min
Limiting speed	16000 r/min
Calculation factor - k <sub>r</sub>	0.15
Category	Cylindrical Roller Bearings
Inventory	0.0



## Bearing company

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.149
EAN	7316577107879
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity   1 Rib Inner Ring with Side Plate   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	25MM Bore; Straight Bore Profile; 52MM Outside Diameter; 15MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>



## Bearing company

Manufacturer Item Number	NUP 205 ECP
Weight / LBS	0.329
Width	0.591 Inch   15 Millimeter
Outside Diameter	2.047 Inch   52 Millimeter
Bore	0.984 Inch   25 Millimeter
bore diameter:	25 mm
static load capacity:	27 kN
outside diameter:	52 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	15 mm
maximum rpm:	16000 RPM
flanges:	(4) Flanges, Two-Piece Inner Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	15 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	28.6 kN
series:	NUP2
d <sub>1</sub>	34.7 mm
D <sub>1</sub>	43.3 mm
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.6 mm



## Bearing company

$d_a$ min.	29.9 mm
$d_b$ min.	36 mm
$D_a$ max.	46.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	32.5 kN
Basic static load rating $C_0$	27 kN
Fatigue load limit $P_u$	3.35 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.14 kg