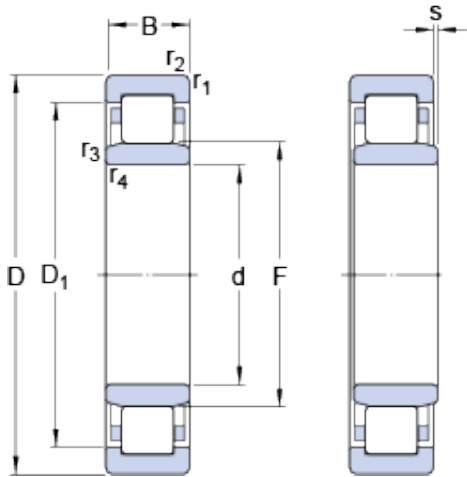




# PFG BEARING LIMITED



25 mm x 52 mm x 15 mm skf nu 205 ecp bearing

Bearing No. nu 205 ecp

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

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>	43.3 mm
F	31.5 mm
r <sub>1,2</sub> - min.	1 mm
r <sub>3,4</sub> - min.	0.6 mm
s	1.3 mm
d <sub>a</sub> - min.	28.9 mm
d <sub>a</sub> - max.	30.4 mm
d <sub>b</sub> - min.	33 mm
D <sub>a</sub> - max.	46.4 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 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	15000 r/min
Limiting speed	16000 r/min
Calculation factor - k <sub>r</sub>	0.15
Category	Cylindrical Roller Bearings



## PFG BEARING LIMITED

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.141
EAN	7316577061713
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - Both Sides
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   Plain Inner Ring   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; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
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>



## PFG BEARING LIMITED

Manufacturer Item Number	NU 205 ECP
Weight / LBS	0.311
Width	0.591 Inch   15 Millimeter
Bore	0.984 Inch   25 Millimeter
Outside Diameter	2.047 Inch   52 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:	(2) Outer 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:	NU2
D <sub>1</sub>	43.3 mm
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.6 mm
s max.	1.3 mm



## PFG BEARING LIMITED

$d_a$ min.	28.9 mm
$d_a$ max.	30.4 mm
$d_b$ min.	33 mm
$D_a$ max.	46.4 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 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	0.13 kg