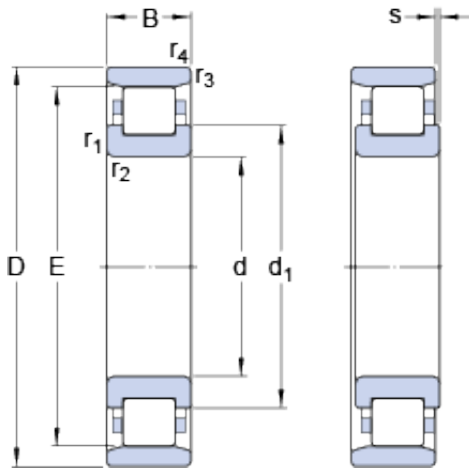




BEARING-MALAYSIA SDN.BHD.



25 mm x 52 mm x 15 mm SKF N 205 ECP thrust ball bearings

Bearing No. N 205 ECP

N 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 ₁	34.7 mm
E	46.5 mm
r _{1,2} - min.	1 mm
r _{3,4} - min.	0.6 mm
s	1.3 mm
d _a - min.	29.9 mm
d _a - max.	45 mm
D _a - min.	48 mm
D _a - max.	48.5 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	3.4 kN
Reference speed	14000 r/min
Limiting speed	16000 r/min
Calculation factor - k _r	0.12



BEARING-MALAYSIA SDN.BHD.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.137
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer 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 2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD
Long Description	25MM Bore; Straight Bore Profile; 52MM Outside Diameter; 15MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Outer 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	http://www.skf.com



BEARING-MALAYSIA SDN.BHD.

Manufacturer Item Number	N 205 ECP
Weight / LBS	0.309
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:	(2) 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:	N2
d ₁	34.7 mm
r _{1,2} min.	1 mm
r _{3,4} min.	0.6 mm
s max.	1.3 mm



BEARING-MALAYSIA SDN.BHD.

d_a min.	29.9 mm
d_a max.	45 mm
D_a min.	48 mm
D_a max.	48.5 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	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.13 kg