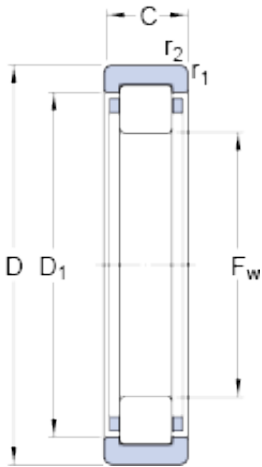




Shanghai Ruonan-Power Co., Ltd.



RNU 205 ECP Bearing 2D drawings and 3D CAD models

SKF RNU 205 ECP cylindrical roller bearings

Bearing No. RNU 205 ECP

Size	52x31.5x15 mm
Bore Diameter	52 mm
Outer Diameter	31,5 mm
Width	15 mm
F_w	31.5 mm
D	52 mm
C	15 mm
D_1	43.3 mm
$r_{1,2}$ - min.	1 mm
d_a - max.	30.4 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	3.4 kN
Reference speed	15000 r/min
Limiting speed	16000 r/min
Calculation factor - k_r	0.15
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.108
EAN	7316570849806
Product Group	B04144



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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	Roller Assembly with Outer Ring - No Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Inch
Other Features	High Capacity 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	1.24" Bore; Straight Bore Profile; 2-3/64" Outside Diameter; 0.591" Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Keyword String	Cylindrical
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	RNU 205 ECP
Weight / LBS	0.238
Outside Diameter	2.047 Inch 52 Millimeter
Bore	1.24 Inch 31.5 Millimeter
Width	0.591 Inch 15 Millimeter



Shanghai Ruonan-Power Co., Ltd.

bore diameter:	1.2402 in
precision rating:	Not Rated
outside diameter:	2.0472 in
maximum rpm:	16000 RPM
overall width:	0.5906 in
finish/coating:	Uncoated
bore type:	Straight
closure type:	Open
number of rows:	1
outer ring width:	0.5906 in
internal clearance:	C0
fillet radius:	0.0394 in
dynamic load capacity:	6430 lbf
series:	RNU20
static load capacity:	6070 lbf
F_w	31.5 mm
D_1	43.3 mm
$r_{1,2}$ min.	1 mm
d_a max.	34.7 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	0.3
Axial load factor Y	0.6
Mass bearing	0.1 kg