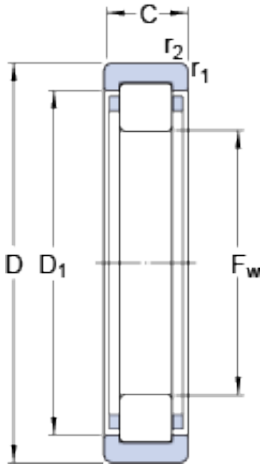




NTN DRIVESHAFT ANDERSON, INC.



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

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



NTN DRIVESHAFT ANDERSON, INC.

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



NTN DRIVESHAFT ANDERSON, INC.

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