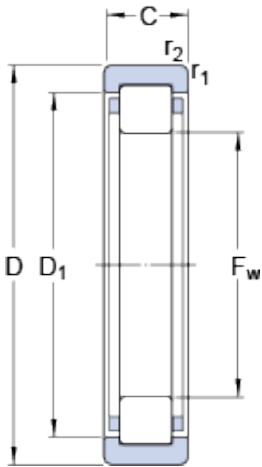




Bearing Rolamentos do Brasil Ltda.



RNU 203 ECP Bearing 2D drawings and 3D CAD models

SKF RNU 203 ECP cylindrical roller bearings

Bearing No. RNU 203 ECP

Size	40x22.1x12 mm
Bore Diameter	40 mm
Outer Diameter	22,1 mm
Width	12 mm
F_w	22.1 mm
D	40 mm
C	12 mm
D_1	32.35 mm
$r_{1,2}$ - min.	0.6 mm
d_a - max.	21.1 mm
D_a - max.	36 mm
r_a - max.	0.6 mm
Basic dynamic load rating - C	17.2 kN
Basic static load rating - C_0	14.3 kN
Fatigue load limit - P_u	1.7 kN
Reference speed	19000 r/min
Limiting speed	22000 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	0.058
Product Group	B04144
Bore Profile	Straight



Bearing Rolamentos do Brasil Ltda.

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	0.87" Bore; Straight Bore Profile; 1.575" Outside Diameter; 0.472" Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Inte
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 203 ECP
Weight / LBS	0.127
Outside Diameter	1.575 Inch 40 Millimeter
Bore	0.87 Inch 22.1 Millimeter
Width	0.472 Inch 12 Millimeter
bore diameter:	22.1 mm



Bearing Rolamentos do Brasil Ltda.

precision rating:	Not Rated
outside diameter:	40 mm
maximum rpm:	22000 RPM
overall width:	12 mm
finish/coating:	Uncoated
bore type:	Straight
closure type:	Open
number of rows:	1
outer ring width:	12 mm
internal clearance:	C0
fillet radius:	0.6 mm
dynamic load capacity:	17.2 kN
series:	RNU20
static load capacity:	14.3 kN
F_w	22.1 mm
D_1	32.35 mm
$r_{1,2}$ min.	0.6 mm
d_a max.	25.05 mm
D_a max.	36 mm
r_a max.	0.6 mm
Basic dynamic load rating C	20 kN
Basic static load rating C_0	14.3 kN
Fatigue load limit P_u	1.73 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.054 kg