



Bearing No. RNU 2205 ECP

D	52 mm
C	18 mm
Bore	1.24 Inch 31.5 Millimeter
Noun	Bearing
Width	0.709 Inch 18 Millimeter
UNSPSC	31171547
Profile	Roller Assembly with Outer Ring - No Inner Ring
series:	RNU22
Category	Cylindrical Roller Bearing
Retainer	Yes
Separable	No
Size (mm)	52x31.5x18
Inventory	0.0
Snap Ring	No
Width (mm)	18
bore type:	Straight
Mass bearing	0.12 kg
maximum rpm:	16000 RPM
Weight / LBS	0.286
Bore Profile	Straight
F _w	31.5 mm
Inch - Metric	Inch
Cage Material	Polymer
F _w	31.5 mm
Product Group	B04144
D ₁	43.3 mm

closure type:	Open
fillet radius:	1 mm
Other Features	High Capacity 2 Rib Outer Ring Cage on Outer Ring ID
Keyword String	Cylindrical
Relubricatable	Yes
overall width:	18 mm
bore diameter:	31.5 mm
Bearing number	RNU 2205 ECP
Limiting speed	16000 r/min
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
number of rows:	1
Precision Class	RBEC 1 ISO P0
Reference speed	14000 r/min
Outside Diameter	2.047 Inch 52 Millimeter
Long Description	1.24" Bore; Straight Bore Profile; 2-3/64" Outside Diameter; 0.709" Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Int
Manufacturer URL	http://www.skf.com
Limiting value e	0.3
Manufacturer Name	SKF
Weight / Kilogram	0.13
outer ring width:	18 mm
precision rating:	Not Rated
outside diameter:	52 mm
d _a max.	34.7 mm

Bore Diameter (mm)	52
D _a max.	46.4 mm
r _a max.	1 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	31,5
Axial load factor Y	0.4
internal clearance:	C0
r _a - max.	1 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	1 mm
D _a - max.	46.4 mm
d _a - max.	30.4 mm
static load capacity:	34 kN
D ₁ ?	43.3 mm
dynamic load capacity:	34.1 kN
r _{1,2} - min.	1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	RNU 2205 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	39 kN
Basic dynamic load rating - C	39 kN
Fatigue load limit P _u	4.25 kN
Calculation factor k _r	0.2
Fatigue load limit - P _u	4.2 kN
Calculation factor - k _r	0.2
Basic static load rating C ₀	34 kN
Basic static load rating - C ₀	34 kN