



Bearing No. RNU 2304 ECP

D	52 mm
C	21 mm
Bore	1.083 Inch 27.5 Millimeter
Noun	Bearing
Width	0.827 Inch 21 Millimeter
UNSPSC	31171547
Profile	Roller Assembly with Outer Ring - No Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Snap Ring	No
Size (mm)	52x27.5x21
Separable	No
Inventory	0.0
Width (mm)	21
Weight / LBS	0.386
Bore Profile	Straight
Mass bearing	0.17 kg
F _w	27.5 mm
F _w	27.5 mm
D ₁	41.85 mm
Product Group	B04144
Inch - Metric	Inch
Cage Material	Polymer
Limiting speed	18000 r/min
Relubricatable	Yes
Keyword String	Cylindrical

Other Features	High Capacity 2 Rib Outer Ring Cage on Outer Ring ID
Bearing number	RNU 2304 ECP
Reference speed	15000 r/min
Precision Class	RBEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Outside Diameter	2.047 Inch 52 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	1.083" Bore; Straight Bore Profile; 2-3/64" Outside Diameter; 0.827" Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium In
Limiting value e	0.3
Weight / Kilogram	0.175
Manufacturer Name	SKF
Internal Clearance	C0-Medium
D _a max.	45.4 mm
r _a max.	1 mm
Bore Diameter (mm)	52
d _a max.	31.4 mm
Axial load factor Y	0.4
Outer Diameter (mm)	27,5
d _a - max.	26.2 mm
Minimum Buy Quantity	N/A
D _a - max.	45.4 mm
r _{1,2} min.	1.1 mm
r _a - max.	1 mm
D ₁ ?	41.85 mm

$r_{1,2}$ - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	RNU 2304 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	47.5 kN
Basic dynamic load rating - C	47.5 kN
Fatigue load limit P_u	4.8 kN
Calculation factor k_r	0.25
Calculation factor - k_r	0.25
Fatigue load limit - P_u	4.8 kN
Basic static load rating C_0	38 kN
Basic static load rating - C_0	38 kN