



RNU 2304 ECP Bearing 2D drawings and 3D CAD models

SKF RNU 2304 ECP cylindrical roller bearings

Bearing No. RNU 2304 ECP

Size	52x27.5x21 mm
Bore Diameter	52 mm
Outer Diameter	27,5 mm
Width	21 mm
F_w	27.5 mm
D	52 mm
C	21 mm
D_1	41.85 mm
$r_{1,2}$ - min.	1.1 mm
d_a - max.	26.2 mm
D_a - max.	45.4 mm
r_a - max.	1 mm
Basic dynamic load rating - C	47.5 kN
Basic static load rating - C_0	38 kN
Fatigue load limit - P_u	4.8 kN
Reference speed	15000 r/min
Limiting speed	18000 r/min
Calculation factor - k_r	0.25
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.175
Product Group	B04144
Bore Profile	Straight



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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	1.083" 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
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 2304 ECP
Weight / LBS	0.386
Bore	1.083 Inch 27.5 Millimeter
Width	0.827 Inch 21 Millimeter
Outside Diameter	2.047 Inch 52 Millimeter
F _w	27.5 mm

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D_1	41.85 mm
$r_{1,2}$ min.	1.1 mm
d_a max.	31.4 mm
D_a max.	45.4 mm
r_a max.	1 mm
Basic dynamic load rating C	47.5 kN
Basic static load rating C_0	38 kN
Fatigue load limit P_u	4.8 kN
Calculation factor k_r	0.25
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	0.17 kg