



Bearing No. RNU 308 ECP

D	90 mm
C	23 mm
Bore	2.047 Inch 52 Millimeter
Noun	Bearing
Width	0.906 Inch 23 Millimeter
UNSPSC	31171547
Profile	Roller Assembly with Outer Ring - No Inner Ring
series:	RNU
Category	Cylindrical Roller Bearing
Retainer	Yes
Separable	No
Size (mm)	90x52x23
Inventory	0.0
Snap Ring	No
bore type:	Straight
Width (mm)	23
Mass bearing	0.5 kg
maximum rpm:	9500 rpm
Weight / LBS	1.142
Bore Profile	Straight
F_w	52 mm
Inch - Metric	Inch
Cage Material	Polymer
F_w	52 mm
Product Group	B04144
D_1	75 mm

closure type:	Open
Other Features	High Capacity 2 Rib Outer Ring Cage on Outer Ring ID
cage material:	Polyamide
Keyword String	Cylindrical
Relubricatable	Yes
overall width:	23 mm
bore diameter:	52 mm
Bearing number	RNU 308 ECP
Limiting speed	9500 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
number of rows:	1
Reference speed	8000 r/min
Long Description	2-3/64" Bore; Straight Bore Profile; 3.543" Outside Diameter; 29/32" Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium In
Outside Diameter	3.543 Inch 90 Millimeter
Manufacturer URL	http://www.skf.com
Limiting value e	0.2
bearing material:	Steel
Manufacturer Name	SKF
Weight / Kilogram	0.518
outside diameter:	90 mm
Bore Diameter (mm)	90
d _a max.	57.7 mm

D _a max.	81.8 mm
r _a max.	1.5 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	52
Axial load factor Y	0.6
r _a - max.	1.5 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	1.5 mm
D _a - max.	81.8 mm
d _a - max.	50 mm
D ₁ ?	75 mm
static load capacity:	78 kN
r _{1,2} - min.	1.5 mm
dynamic load capacity:	93 kN
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	RNU 308 ECP
manufacturer upc number:	7316577722713
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	93 kN
operating temperature range:	Maximum 302 °F
Basic dynamic load rating - C	93 kN
Fatigue load limit P _u	10.2 kN
Calculation factor k _r	0.15
Fatigue load limit - P _u	10.2 kN
Calculation factor - k _r	0.15
Basic static load rating C ₀	78 kN
Basic static load rating -	78 kN

C ₀	
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