



Bearing No. RNU 307 ECP

D	80 mm
C	21 mm
Bore	1.819 Inch 46.2 Millimeter
Noun	Bearing
Width	0.827 Inch 21 Millimeter
UNSPSC	31171547
Profile	Roller Assembly with Outer Ring - No Inner Ring
series:	RNU30
Category	Cylindrical Roller Bearing
Retainer	Yes
Separable	No
Size (mm)	80x46.2x21
Inventory	0.0
Snap Ring	No
Width (mm)	21
bore type:	Straight
Mass bearing	0.37 kg
maximum rpm:	11000 RPM
Weight / LBS	0.847
Bore Profile	Straight
F_w	46.2 mm
Inch - Metric	Inch
Cage Material	Polymer
F_w	46.2 mm
Product Group	B04144
D_1	65.8 mm

closure type:	Open
fillet radius:	1.5 mm
Other Features	High Capacity 2 Rib Outer Ring Cage on Outer Ring ID
Keyword String	Cylindrical
Relubricatable	Yes
overall width:	21 mm
bore diameter:	46.2 mm
Bearing number	RNU 307 ECP
Limiting speed	11000 r/min
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
number of rows:	1
Precision Class	RBEC 1 ISO P0
Reference speed	9500 r/min
Outside Diameter	3.15 Inch 80 Millimeter
Long Description	1.819" Bore; Straight Bore Profile; 3.15" Outside Diameter; 0.827" Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Manufacturer URL	http://www.skf.com
Limiting value e	0.2
Manufacturer Name	SKF
Weight / Kilogram	0.385
outer ring width:	21 mm
precision rating:	Not Rated
outside diameter:	80 mm
d _a max.	51 mm
Bore Diameter (mm)	80

D _a max.	72.2 mm
r _a max.	1.5 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	46,2
Axial load factor Y	0.6
internal clearance:	C0
r _a - max.	1.5 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	1.5 mm
D _a - max.	72.2 mm
d _a - max.	44 mm
static load capacity:	63 kN
D ₁ ?	65.8 mm
dynamic load capacity:	75 kN
r _{1,2} - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	RNU 307 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	75 kN
Basic dynamic load rating - C	75 kN
Fatigue load limit P _u	8.15 kN
Calculation factor k _r	0.15
Fatigue load limit - P _u	8.2 kN
Calculation factor - k _r	0.15
Basic static load rating C ₀	63 kN
Basic static load rating - C ₀	63 kN