



Bearing No. NUP 317 ECJ

B	41 mm
F	108 mm
d	85 mm
D	180 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
Width	1.614 Inch 41 Millimeter
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NUP3
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	180x85x41
Snap Ring	No
Separable	No
Inventory	1.0
Width (mm)	41
bore type:	Straight
maximum rpm:	4800 RPM
Weight / LBS	10.673
Bore Profile	Straight
Mass bearing	4.95 kg
D ₁	151.4 mm
Product Group	B04144
d ₁	117 mm

Cage Material	Steel
Inch - Metric	Metric
closure type:	Open
Bearing number	NUP 317 ECJ
cage material:	Steel
Limiting speed	4800 r/min
overall width:	41 mm
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
bore diameter:	85 mm
fillet radius:	2.5 mm
finish/coating:	Uncoated
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Reference speed	4000 r/min
number of rows:	1
Outside Diameter	7.087 Inch 180 Millimeter
ring separation:	Separable Ring
Long Description	85MM Bore; Straight Bore Profile; 180MM Outside Diameter; 41MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Reta
Manufacturer URL	http://www.skf.com
Limiting value e	0.2
bearing material:	Steel

outer ring width:	41 mm
outside diameter:	180 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	4.846
Bore Diameter (mm)	180
r _a max.	2.5 mm
d _a min.	99 mm
d _b min.	120 mm
D _a max.	165.5 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	85
internal clearance:	C0
Axial load factor Y	0.6
r _a - max.	2.5 mm
D _a - max.	165.5 mm
d _b - min.	120 mm
d _a - min.	99 mm
r _{3,4} min.	3 mm
r _{1,2} min.	3 mm
Minimum Buy Quantity	N/A
d ₁ ?	117 mm
static load capacity:	335 kN
D ₁ ?	151.4 mm
r _{1,2} - min.	3 mm
dynamic load capacity:	340 kN
r _{3,4} - min.	3 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 317 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load	340 kN

rating C	
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	340 kN
Fatigue load limit P_u	41.5 kN
Calculation factor k_f	0.15
Fatigue load limit - P_u	41.5 kN
Calculation factor - k_f	0.15
Basic static load rating C_0	335 kN
Basic static load rating - C_0	335 kN