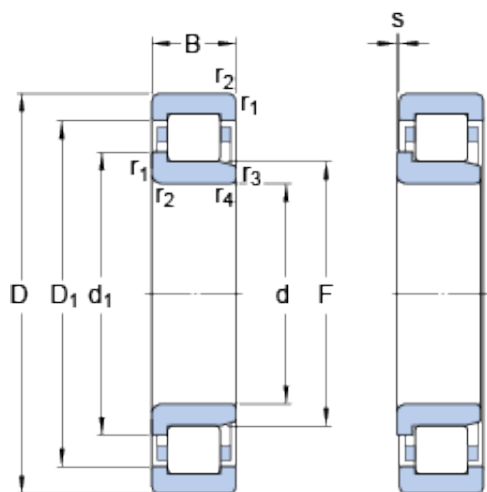




Bearing No. NJ 317 ECJ

F	108 mm
s	2.3 mm
d	85 mm
D	180 mm
B	41 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
Width	1.614 Inch 41 Millimeter
UNSPSC	31171547
s max.	2.3 mm
series:	NJ3
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring, (1) Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	180x85x41
Snap Ring	No
Separable	Inner Ring - One Side
Inventory	0.0
bore type:	Straight
Width (mm)	41
maximum rpm:	4800 RPM
Weight / LBS	10.29
Bore Profile	Straight
Mass bearing	4.69 kg
closure type:	Open
Product Group	B04144

d ₁	117 mm
Cage Material	Steel
D ₁	151.4 mm
Inch - Metric	Metric
Bearing number	NJ 317 ECJ
Relubricatable	Yes
fillet radius:	2.5 mm
cage material:	Steel
Limiting speed	4800 r/min
bore diameter:	85 mm
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	41 mm
finish/coating:	Uncoated
number of rows:	1
Reference speed	4000 r/min
Precision Class	RBEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Long Description	85MM Bore; Straight Bore Profile; 180MM Outside Diameter; 41MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern
Limiting value e	0.2
Manufacturer URL	http://www.skf.com
ring separation:	Separable Ring
Outside Diameter	7.087 Inch 180 Millimeter

Weight / Kilogram	4.672
precision rating:	Not Rated
outside diameter:	180 mm
Manufacturer Name	SKF
outer ring width:	41 mm
bearing material:	Steel
r _a max.	2.5 mm
d _a min.	99 mm
d _a max.	105 mm
d _b min.	120 mm
D _a max.	165.5 mm
Bore Diameter (mm)	180
Internal Clearance	C0-Medium
Axial load factor Y	0.6
internal clearance:	C0
Outer Diameter (mm)	85
r _{1,2} min.	3 mm
r _{3,4} min.	3 mm
r _a - max.	2.5 mm
Minimum Buy Quantity	N/A
D _a - max.	165.5 mm
d _a - min.	99 mm
d _b - min.	120 mm
d _a - max.	105 mm
static load capacity:	335 kN
d ₁ ?	117 mm
D ₁ ?	151.4 mm
Harmonized Tariff Code	8482.50.00.00
r _{1,2} - min.	3 mm
dynamic load capacity:	340 kN
r _{3,4} - min.	3 mm
Manufacturer Item Number	NJ 317 ECJ

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	340 kN
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_r	0.15
Fatigue load limit - P_u	41.5 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	335 kN
Basic static load rating - C_0	335 kN