



Bearing No. NJ 2317 ECP

F	108 mm
d	85 mm
D	180 mm
B	60 mm
s	5.8 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
Width	2.362 Inch 60 Millimeter
UNSPSC	31171547
s max.	5.8 mm
Profile	Complete with Outer and Inner Ring
series:	NJ
flanges:	(1) Flange in Inner Ring, (2) Flanges on Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - One Side
Size (mm)	180x85x60
bore type:	Straight
Width (mm)	60
Bore Profile	Straight
Mass bearing	7.01 kg
Weight / LBS	15.648
maximum rpm:	4800 rpm
Inch - Metric	Metric

closure type:	Open
Product Group	B04144
D ₁	151.4 mm
Cage Material	Polymer
d ₁	117 mm
bore diameter:	85 mm
overall width:	60 mm
cage material:	Polyamide
Relubricatable	Yes
Bearing number	NJ 2317 ECP
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Limiting speed	4800 r/min
number of rows:	1
finish/coating:	Uncoated
Reference speed	4000 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Outside Diameter	7.087 Inch 180 Millimeter
Long Description	85MM Bore; Straight Bore Profile; 180MM Outside Diameter; 60MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Limiting value e	0.3
Manufacturer URL	http://www.skf.com
bearing material:	Steel

outside diameter:	180 mm
Manufacturer Name	SKF
Weight / Kilogram	7.104
Internal Clearance	C0-Medium
Bore Diameter (mm)	180
d _a min.	99 mm
r _a max.	2.5 mm
d _a max.	105 mm
D _a max.	165.5 mm
d _b min.	120 mm
Axial load factor Y	0.4
Outer Diameter (mm)	85
d _a - min.	99 mm
r _{1,2} min.	3 mm
r _{3,4} min.	3 mm
d _a - max.	105 mm
d _b - min.	120 mm
D _a - max.	165.5 mm
r _a - max.	2.5 mm
Minimum Buy Quantity	N/A
D ₁ ?	151.45 mm
static load capacity:	490 kN
d ₁ ?	117 mm
dynamic load capacity:	455 kN
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
Harmonized Tariff Code	8482.50.00.00
manufacturer upc number:	7316577056016
Manufacturer Item Number	NJ 2317 ECP
Number of Rows of Rollers	Single Row

Basic dynamic load rating C	455 kN
operating temperature range:	Maximum 302 °F
Basic dynamic load rating - C	455 kN
Fatigue load limit P_u	60 kN
Calculation factor k_r	0.25
Calculation factor - k_r	0.25
Fatigue load limit - P_u	60 kN
Basic static load rating C_0	490 kN
Basic static load rating - C_0	490 kN