



Bearing No. NJ 2217 ECJ

F	100.5 mm
d	85 mm
D	150 mm
B	36 mm
s	2 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
Width	1.417 Inch 36 Millimeter
UNSPSC	31171547
s max.	2 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)	150x85x36
bore type:	Straight
Width (mm)	36
Bore Profile	Straight
Mass bearing	2.57 kg
Weight / LBS	5.765
maximum rpm:	5300 rpm
Inch - Metric	Metric

closure type:	Open
Product Group	B04144
D ₁	130.3 mm
Cage Material	Steel
d ₁	107 mm
bore diameter:	85 mm
overall width:	36 mm
cage material:	Pressed Steel
Relubricatable	Yes
Bearing number	NJ 2217 ECJ
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Limiting speed	5300 r/min
Reference speed	4800 r/min
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Precision Class	RBEC 1 ISO P0
Manufacturer URL	http://www.skf.com
Limiting value e	0.3
Long Description	85MM Bore; Straight Bore Profile; 150MM Outside Diameter; 36MM Width; Steel Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern
Outside Diameter	5.906 Inch 150 Millimeter
bearing material:	Steel
outside diameter:	150 mm

Weight / Kilogram	2.615
Manufacturer Name	SKF
Bore Diameter (mm)	150
r _a max.	2 mm
d _a max.	98 mm
d _b min.	110 mm
d _a min.	96 mm
D _a max.	138.5 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.4
Outer Diameter (mm)	85
d _a - max.	98 mm
d _a - min.	96 mm
r _a - max.	2 mm
Minimum Buy Quantity	N/A
D _a - max.	138.5 mm
d _b - min.	110 mm
r _{1,2} min.	2 mm
r _{3,4} min.	2 mm
static load capacity:	280 kN
d ₁ ?	107 mm
D ₁ ?	130.3 mm
r _{3,4} - min.	2 mm
Harmonized Tariff Code	8482.50.00.00
dynamic load capacity:	250 kN
r _{1,2} - min.	2 mm
Manufacturer Item Number	NJ 2217 ECJ
manufacturer upc number:	7316570206494
Number of Rows of Rollers	Single Row
Basic dynamic load	250 kN

rating C	
operating temperature range:	Maximum 302 °F
Basic dynamic load rating - C	250 kN
Fatigue load limit P_u	34.5 kN
Calculation factor k_f	0.2
Fatigue load limit - P_u	34.5 kN
Calculation factor - k_f	0.2
Basic static load rating C_0	280 kN
Basic static load rating - C_0	280 kN