

SKF NU 313 ECP thrust ball bearings

Our highly-skilled and factory-trained service experts have the 170x80x39 Size (mm) resources to help you with all your SKF NU 313 ECP thrust ball bearings needs 170 Bore Diameter (mm) – including routine maintenance, major repairs, warranty service, and equipment inspections.

Size (mm)	170x80x39
Bore Diameter (mm)	170
Outer Diameter (mm)	80
Width (mm)	39
d	80 mm
D	170 mm
B	39 mm
d1	110 mm
D1	142.7 mm
F	101 mm
r1,2 – min.	2.1 mm
r3,4 – min.	2.1 mm
s	2.1 mm
da – min.	92 mm
da – max.	98 mm
db – min.	113 mm
Da – max.	157.8 mm
ra – max.	2 mm
Basic dynamic load rating – C	300 kN
Basic static load rating – C0	290 kN

Fatigue load limit – Pu	36 kN
Reference speed	4300 r/min
Limiting speed	5000 r/min
Calculation factor – kr	0.15
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.005
EAN	7316577109545
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring – One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	80MM Bore; Straight Bore Profile; 170MM Outside Diameter; 39MM Width; Steel Cage Matetrial; RBEC 1

UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NJ 316 ECJ
Weight / LBS	8.822
Width	1.535 Inch 39 Millimeter
Outside Diameter	6.693 Inch 170 Millimeter
Bore	3.15 Inch 80 Millimeter
bore diameter:	80 mm
static load capacity:	290 kN
outside diameter:	170 mm
precision rating:	Not Rated
overall width:	39 mm
maximum rpm:	5000 RPM
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	Steel
bore type:	Straight
cage material:	Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	39 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2 mm
dynamic load capacity:	300 kN
series:	NJ3
d1 ≈	110 mm

D1 ≈	142.7 mm
r1,2 min.	2.1 mm
r3,4 min.	2.1 mm
s max.	2.1 mm
da min.	92 mm
da max.	98 mm
db min.	113 mm
Da max.	157.8 mm
ra max.	2 mm
Basic dynamic load rating C	300 kN
Basic static load rating C0	290 kN
Fatigue load limit Pu	36 kN
Calculation factor kr	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	3.94 kg
Angle ring	HJ 316 EC