



# Shandong XSY Bearing Co., Ltd.



NU 316 ECJ Bearing 2D drawings and 3D CAD models

## 80 mm x 170 mm x 39 mm SKF NU 316 ECJ Cylindrical Roller Bearings

Bearing No. NU 316 ECJ

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	3.95
EAN	7316577086181
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 - Both Sides
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   Plain 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 Material; RBEC 1   ISO P0; Single Row;



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	Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NU 316 ECJ
Weight / LBS	8.701
B	1.535 Inch   39 Millimeter
D	6.693 Inch   170 Millimeter
d	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
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



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dynamic load capacity:	300 kN
series:	NU3
d	80 mm
D	170 mm
B	39 mm
D <sub>1</sub>	142.7 mm
F	101 mm
r <sub>1,2</sub> min.	2.1 mm
r <sub>3,4</sub> min.	2.1 mm
s max.	2.1 mm
d <sub>a</sub> min.	92 mm
d <sub>a</sub> max.	98 mm
d <sub>b</sub> min.	104 mm
D <sub>a</sub> max.	157.8 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	2 mm
Basic dynamic load rating C	300 kN
Basic static load rating C <sub>0</sub>	290 kN
Fatigue load limit P <sub>u</sub>	36 kN
Reference speed	4300 r/min
Limiting speed	5000 r/min
Calculation factor k <sub>r</sub>	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	4.02 kg