



# GOOD QUALITY BEARINGS LIMITED



NU 218 ECJ Bearing 2D drawings and 3D CAD models

## 90 mm x 160 mm x 30 mm SKF NU 218 ECJ Cylindrical Roller Bearings

Bearing No. NU 218 ECJ

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.374
EAN	7316577752895
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	90MM Bore; Straight Bore Profile; 160MM Outside Diameter; 30MM 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 218 ECJ
Weight / LBS	5.228
B	1.181 Inch   30 Millimeter
d	3.543 Inch   90 Millimeter
D	6.299 Inch   160 Millimeter
bore diameter:	90 mm
static load capacity:	220 kN
outside diameter:	160 mm
precision rating:	Not Rated
overall width:	30 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:	30 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm



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dynamic load capacity:	208 kN
series:	NU2
d	90 mm
D	160 mm
B	30 mm
D <sub>1</sub>	138.45 mm
F	107 mm
r <sub>1,2</sub> min.	2 mm
r <sub>3,4</sub> min.	2 mm
s max.	1.8 mm
d <sub>a</sub> min.	101 mm
d <sub>a</sub> max.	104 mm
d <sub>b</sub> min.	110 mm
D <sub>a</sub> max.	149 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	2 mm
Basic dynamic load rating C	208 kN
Basic static load rating C <sub>0</sub>	220 kN
Fatigue load limit P <sub>u</sub>	27 kN
Reference speed	4500 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	2.31 kg