



# GOOD QUALITY BEARINGS LIMITED



## 25 mm x 62 mm x 17 mm SKF NU 305 ECJ Cylindrical Roller Bearings

Bearing No. NU 305 ECJ

NU 305 ECJ Bearing 2D drawings and 3D CAD models

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.254
EAN	7316577059963
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	25MM Bore; Straight Bore Profile; 62MM Outside Diameter; 17MM 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 Inter
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 305 ECJ
Weight / LBS	0.56
B	0.669 Inch   17 Millimeter
D	2.441 Inch   62 Millimeter
d	0.984 Inch   25 Millimeter
bore diameter:	25 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	62 mm
maximum rpm:	15000 RPM
overall width:	17 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	17 mm
operating temperature	Maximum of +300 ° F



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range:	
fillet radius:	1 mm
dynamic load capacity:	46.5 kN
series:	NU3
static load capacity:	36.5 kN
d	25 mm
D	62 mm
B	17 mm
D <sub>1</sub>	50.15 mm
F	34 mm
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	1.1 mm
s max.	1.3 mm
d <sub>a</sub> min.	31 mm
d <sub>a</sub> max.	32.5 mm
d <sub>b</sub> min.	36 mm
D <sub>a</sub> max.	54.9 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	46.5 kN
Basic static load rating C <sub>0</sub>	36.5 kN
Fatigue load limit P <sub>u</sub>	4.55 kN
Reference speed	12000 r/min
Limiting speed	15000 r/min
Calculation factor k <sub>r</sub>	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.24 kg