



# BEARING CORP. LTD.



150 mm x 320 mm x 65 mm SKF NU 330 ECM thrust ball bearings

Bearing No. NU 330 ECM

NU 330 ECM Bearing 2D drawings and 3D CAD models

Size	320x150x65 mm
Bore Diameter	320 mm
Outer Diameter	150 mm
Width	65 mm
d	150 mm
D	320 mm
B	65 mm
D <sub>1</sub>	268.7 mm
F	193 mm
r <sub>1,2</sub> - min.	4 mm
r <sub>3,4</sub> - min.	4 mm
s	4 mm
d <sub>a</sub> - min.	167 mm
d <sub>a</sub> - max.	188 mm
d <sub>b</sub> - min.	196 mm
D <sub>a</sub> - max.	302.2 mm
r <sub>a</sub> - max.	3 mm
r <sub>b</sub> - max.	3 mm
Basic dynamic load rating - C	900 kN
Basic static load rating - C <sub>0</sub>	965 kN
Fatigue load limit - P <sub>u</sub>	100 kN
Reference speed	2200 r/min
Limiting speed	2600 r/min
Calculation factor - k <sub>r</sub>	0.15



## BEARING CORP. LTD.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	26.872
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
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	150MM Bore; Straight Bore Profile; 320MM Outside Diameter; 65MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
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>



## BEARING CORP. LTD.

Manufacturer Item Number	NU 330 ECM
Weight / LBS	59.19
Width	2.559 Inch   65 Millimeter
Outside Diameter	12.598 Inch   320 Millimeter
Bore	5.906 Inch   150 Millimeter
bore diameter:	150 mm
static load capacity:	965 kN
outside diameter:	320 mm
maximum rpm:	2600 rpm
overall width:	65 mm
bearing material:	Steel
flanges:	(2) Flanges on outer Ring, Flangeless Inner Ring
cage material:	Brass
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
operating temperature range:	Maximum 302 ° F
series:	NU
dynamic load capacity:	900 kN
manufacturer upc number:	7316576628481
$D_1$	268.7 mm
$r_{1,2}$ min.	4 mm
$r_{3,4}$ min.	4 mm
s max.	4 mm
$d_a$ min.	167 mm
$d_a$ max.	188 mm
$d_b$ min.	196 mm
$D_a$ max.	302.2 mm
$r_a$ max.	3 mm
$r_b$ max.	3 mm



## BEARING CORP. LTD.

Basic dynamic load rating C	900 kN
Basic static load rating $C_0$	965 kN
Fatigue load limit $P_u$	100 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	26.3 kg