



**55 mm x 100 mm x 25 mm SKF NU 2211 ECJ  
thrust ball bearings**

Bearing No. NU 2211 ECJ

NU 2211 ECJ Bearing 2D drawings and 3D CAD models

Size	100x55x25 mm
Bore Diameter	100 mm
Outer Diameter	55 mm
Width	25 mm
d	55 mm
D	100 mm
B	25 mm
D <sub>1</sub>	85.6 mm
F	66 mm
r <sub>1,2</sub> - min.	1.5 mm
r <sub>3,4</sub> - min.	1.1 mm
s	1.5 mm
d <sub>a</sub> - min.	62 mm
d <sub>a</sub> - max.	64 mm
d <sub>b</sub> - min.	68 mm
D <sub>a</sub> - max.	91.4 mm
r <sub>a</sub> - max.	1.5 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	114 kN
Basic static load rating - C <sub>0</sub>	118 kN
Fatigue load limit - P <sub>u</sub>	15.3 kN
Reference speed	7500 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.2



## Timken MANUFACTURING (THAILAND)CO.,LTD.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.818
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	55MM Bore; Straight Bore Profile; 100MM Outside Diameter; 25MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; 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>



# Timken MANUFACTURING (THAILAND)CO.,LTD.

Manufacturer Item Number	NU 2211 ECJ
Weight / LBS	1.801
Width	0.984 Inch   25 Millimeter
Bore	2.165 Inch   55 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
bore diameter:	55 mm
static load capacity:	118 kN
outside diameter:	100 mm
precision rating:	Not Rated
overall width:	25 mm
maximum rpm:	8000 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:	25 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1.5 mm
dynamic load capacity:	114 kN
series:	NU22
$D_1$	85.7 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1.1 mm
s max.	1.5 mm
$d_a$ min.	62 mm
$d_a$ max.	64 mm



## Timken MANUFACTURING (THAILAND)CO.,LTD.

$d_b$ min.	68 mm
$D_a$ max.	91.4 mm
$r_a$ max.	1.5 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	114 kN
Basic static load rating $C_0$	118 kN
Fatigue load limit $P_u$	15.3 kN
Calculation factor $k_r$	0.2
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	0.79 kg