



Bearing No. NU 2211 ECJ

s	1.5 mm
F	66 mm
d	55 mm
D	100 mm
B	25 mm
Noun	Bearing
Bore	2.165 Inch 55 Millimeter
Width	0.984 Inch 25 Millimeter
UNSPSC	31171547
s max.	1.5 mm
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	100x55x25
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	25
maximum rpm:	8000 RPM
Weight / LBS	1.801
Bore Profile	Straight
Mass bearing	0.79 kg
closure type:	Open
Product Group	B04144

D ₁	85.6 mm
Cage Material	Steel
Inch - Metric	Metric
Bearing number	NU 2211 ECJ
Relubricatable	Yes
fillet radius:	1.5 mm
cage material:	Steel
Limiting speed	8000 r/min
bore diameter:	55 mm
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	25 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Reference speed	7500 r/min
Precision Class	RBEC 1 ISO P0
Outside Diameter	3.937 Inch 100 Millimeter
Limiting value e	0.3
Long Description	55MM Bore; Straight Bore Profile; 100MM Outside Diameter; 25MM Width; Steel Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF

outer ring width:	25 mm
Weight / Kilogram	0.818
precision rating:	Not Rated
outside diameter:	100 mm
bearing material:	Steel
r _b max.	1 mm
Internal Clearance	C0-Medium
r _a max.	1.5 mm
D _a max.	91.4 mm
d _b min.	68 mm
d _a max.	64 mm
d _a min.	62 mm
Bore Diameter (mm)	100
Outer Diameter (mm)	55
internal clearance:	C0
Axial load factor Y	0.4
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm
d _a - min.	62 mm
r _b - max.	1 mm
d _a - max.	64 mm
d _b - min.	68 mm
D _a - max.	91.4 mm
r _{1,2} min.	1.5 mm
r _{3,4} min.	1.1 mm
D ₁ ?	85.7 mm
static load capacity:	118 kN
r _{3,4} - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
r _{1,2} - min.	1.5 mm
dynamic load capacity:	114 kN
Manufacturer Item Number	NU 2211 ECJ

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	114 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	114 kN
Fatigue load limit P_u	15.3 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	15.3 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	118 kN
Basic static load rating - C_0	118 kN