



**Bearing No. NU 222 ECP**

s	2.1 mm
F	132.5 mm
d	110 mm
D	200 mm
B	38 mm
Noun	Bearing
Bore	4.331 Inch   110 Millimeter
Width	1.496 Inch   38 Millimeter
UNSPSC	31171547
s max.	2.1 mm
series:	NU2
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	200x110x38
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	38
maximum rpm:	4000 RPM
Weight / LBS	10.557
Bore Profile	Straight
Mass bearing	4.71 kg
closure type:	Open
Product Group	B04144

D <sub>1</sub>	172.5 mm
Cage Material	Polymer
Inch - Metric	Metric
Bearing number	NU 222 ECP
Relubricatable	Yes
fillet radius:	2 mm
cage material:	Polyamide
Limiting speed	4000 r/min
bore diameter:	110 mm
Other Features	High Capacity   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
overall width:	38 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Reference speed	3600 r/min
Precision Class	RBEC 1   ISO P0
Outside Diameter	7.874 Inch   200 Millimeter
Limiting value e	0.2
Long Description	110MM Bore; Straight Bore Profile; 200MM Outside Diameter; 38MM Width; Polymer Cage Matetrial; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium I
ring separation:	Separable Ring
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF

outer ring width:	38 mm
Weight / Kilogram	4.793
precision rating:	Not Rated
outside diameter:	200 mm
bearing material:	Steel
$r_b$ max.	2 mm
Internal Clearance	C0-Medium
$r_a$ max.	2 mm
$D_a$ max.	187 mm
$d_b$ min.	135 mm
$d_a$ max.	129 mm
$d_a$ min.	122 mm
Bore Diameter (mm)	200
Outer Diameter (mm)	110
internal clearance:	C0
Axial load factor Y	0.6
Minimum Buy Quantity	N/A
$r_a$ - max.	2 mm
$d_a$ - min.	122 mm
$r_b$ - max.	2 mm
$d_a$ - max.	129 mm
$d_b$ - min.	135 mm
$D_a$ - max.	187 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
$D_1$ ?	172.5 mm
static load capacity:	365 kN
$r_{3,4}$ - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	335 kN
Manufacturer Item Number	NU 222 ECP

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	335 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	335 kN
Fatigue load limit $P_u$	42.5 kN
Calculation factor $k_r$	0.15
Fatigue load limit - $P_u$	42.5 kN
Calculation factor - $k_r$	0.15
Basic static load rating $C_0$	365 kN
Basic static load rating - $C_0$	365 kN