



Bearing No. NU 222 ECJ

Size	200x110x38 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	38 mm
d	110 mm
D	200 mm
B	38 mm
D <sub>1</sub>	172.5 mm
F	132.5 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
s	2.1 mm
d <sub>a</sub> - min.	122 mm
d <sub>a</sub> - max.	129 mm
d <sub>b</sub> - min.	135 mm
D <sub>a</sub> - max.	187 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	335 kN
Basic static load rating - C <sub>0</sub>	365 kN
Fatigue load limit - P <sub>u</sub>	42.5 kN
Reference speed	3600 r/min
Limiting speed	4000 r/min
Calculation factor - k <sub>r</sub>	0.15
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Reference speed	3600 r/min
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Calculation factor - k <sub>r</sub>	0.15
Category	Cylindrical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.887
EAN	7316577042279
Product Group - BDI	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	110MM Bore; Straight Bore Profile; 200MM Outside Diameter; 38MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Retainer
Category - BDI	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 222 ECJ
Weight / LBS	10.765
Outside Diameter	7.874 Inch   200

	Millimeter
Bore	4.331 Inch   110 Millimeter
Width	1.496 Inch   38 Millimeter
bore diameter:	110 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	200 mm
maximum rpm:	4000 RPM
overall width:	38 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:	38 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2 mm
dynamic load capacity:	335 kN
series:	NU2
static load capacity:	365 kN
D <sub>1</sub> ?	172.5 mm
r <sub>1,2</sub> min.	2.1 mm
r <sub>3,4</sub> min.	2.1 mm
s max.	2.1 mm

$d_a$ min.	122 mm
$d_a$ max.	129 mm
$d_b$ min.	135 mm
$D_a$ max.	187 mm
$r_a$ max.	2 mm
$r_b$ max.	2 mm
Basic dynamic load rating C	335 kN
Basic static load rating $C_0$	365 kN
Fatigue load limit $P_u$	42.5 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	4.8 kg
Angle ring	<a href="#">HJ 222 EC</a>