



Bearing No. NU 222 ECM

D	200 mm
d	110 mm
B	38 mm
F	132.5 mm
s	2.1 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
Width	1.496 Inch 38 Millimeter
s max.	2.1 mm
UNSPSC	31171547
series:	NU2
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	200x110x38
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	38
Bore Profile	Straight
Mass bearing	5.43 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	12.15
maximum rpm:	4000 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Brass
D ₁	172.5 mm
bore diameter:	110 mm
overall width:	38 mm
cage material:	Brass
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	2 mm
Bearing number	NU 222 ECM
Limiting speed	4000 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	3600 r/min
Outside Diameter	7.874 Inch 200 Millimeter
Limiting value e	0.2
Long Description	110MM Bore; Straight Bore Profile; 200MM Outside Diameter; 38MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Manufacturer URL	http://www.skf.com

ring separation:	Separable Ring
bearing material:	Steel
outside diameter:	200 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	38 mm
Weight / Kilogram	5.516
Manufacturer Name	SKF
D _a max.	187 mm
d _a max.	129 mm
r _a max.	2 mm
r _b max.	2 mm
d _a min.	122 mm
Bore Diameter (mm)	200
Internal Clearance	C0-Medium
d _b min.	135 mm
Outer Diameter (mm)	110
Axial load factor Y	0.6
internal clearance:	C0
r _{3,4} min.	2.1 mm
r _{1,2} min.	2.1 mm
d _a - min.	122 mm
r _a - max.	2 mm
Minimum Buy Quantity	N/A
r _b - max.	2 mm
d _a - max.	129 mm
d _b - min.	135 mm
D _a - max.	187 mm
static load capacity:	365 kN
D ₁ ?	172.5 mm
r _{3,4} - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
	2.1 mm

r^{1,2} - min.

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dynamic load capacity:	335 kN
Manufacturer Item Number	NU 222 ECM
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