



SAHH BEARING OF ENGLAND CORP.



110 mm x 200 mm x 38 mm 110 mm x 200 mm
x 38 mm SKF NU 222 ECP Belgium Bearing
100*180*46

Bearing No. NU 222 ECP

NU 222 ECP Bearing 2D drawings and 3D CAD models

Size	200x110x38 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	38 mm
d	110 mm
D	200 mm
B	38 mm
D ₁	172.5 mm
F	132.5 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
s	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
Reference speed	3600 r/min
Limiting speed	4000 r/min



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Calculation factor - k_r	0.15
Size	200x110x38 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	38 mm
d	110 mm
D	200 mm
B	38 mm
D_1	172.5 mm
F	132.5 mm
$r_{1,2}$ - min.	2.1 mm
$r_{3,4}$ - min.	2.1 mm
s	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
Reference speed	3600 r/min
Limiting speed	4000 r/min
Calculation factor - k_r	0.15
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.793
EAN	7316577035660



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Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
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; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium I
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 222 ECP
Weight / LBS	10.557
Width	1.496 Inch 38 Millimeter
Bore	4.331 Inch 110 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter



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bore diameter:	110 mm
static load capacity:	365 kN
outside diameter:	200 mm
precision rating:	Not Rated
overall width:	38 mm
maximum rpm:	4000 RPM
flanges:	(2) Outer Ring
bearing material:	Steel
bore type:	Straight
cage material:	Polyamide
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
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
D_1	172.5 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ 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



SAHH BEARING OF ENGLAND CORP.

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	4.71 kg