



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

SKF NU 222 ECP cylindrical roller bearings

Bearing No. NU 222 ECP

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
Size	200x110x38 mm



OMB Bearing Industry Trading Company ...

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
Product Group	B04144
Bore Profile	Straight



OMB Bearing Industry Trading Company ...

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
bore diameter:	110 mm
static load capacity:	365 kN



OMB Bearing Industry Trading Company ...

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
Basic static load rating C_0	365 kN
Fatigue load limit P_u	42.5 kN



OMB Bearing Industry Trading Company ...

Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	4.71 kg
Angle ring	HJ 222 EC