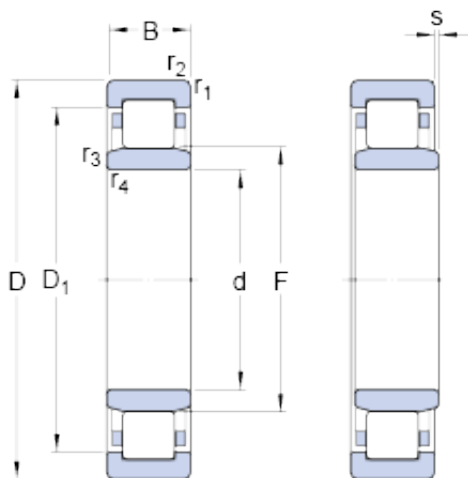




Bearing Rolamentos do Brasil Ltda.



110 mm x 240 mm x 50 mm SKF NU 322 ECM
thrust ball bearings

Bearing No. NU 322 ECM

NU 322 ECM Bearing 2D drawings and 3D CAD
models

Size	240x110x50 mm
Bore Diameter	240 mm
Outer Diameter	110 mm
Width	50 mm
d	110 mm
D	240 mm
B	50 mm
D ₁	200 mm
F	143 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
s	3 mm
d _a - min.	124 mm
d _a - max.	139 mm
d _b - min.	146 mm
D _a - max.	225.2 mm
r _a - max.	2.5 mm
r _b - max.	2.5 mm
Basic dynamic load rating - C	530 kN
Basic static load rating - C ₀	540 kN
Fatigue load limit - P _u	61 kN
Reference speed	3000 r/min
Limiting speed	3400 r/min
Calculation factor - k _r	0.15



Bearing Rolamentos do Brasil Ltda.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	11.6
EAN	7316576624797
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
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; 240MM Outside Diameter; 50MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



Bearing Rolamentos do Brasil Ltda.

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 322 ECM
Weight / LBS	25.964
Bore	4.331 Inch 110 Millimeter
Outside Diameter	9.449 Inch 240 Millimeter
Width	1.969 Inch 50 Millimeter
bore diameter:	110 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	240 mm
maximum rpm:	3400 RPM
overall width:	50 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Brass
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:	50 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2.5 mm
dynamic load capacity:	530 kN
series:	NU3
static load capacity:	540 kN
D ₁	200.05 mm
r _{1,2} min.	3 mm



Bearing Rolamentos do Brasil Ltda.

$r_{3,4}$ min.	3 mm
s max.	3 mm
d_a min.	124 mm
d_a max.	139 mm
d_b min.	146 mm
D_a max.	225.2 mm
r_a max.	2.5 mm
r_b max.	2.5 mm
Basic dynamic load rating C	530 kN
Basic static load rating C_0	540 kN
Fatigue load limit P_u	61 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	11.6 kg
Angle ring	HJ 322 EC