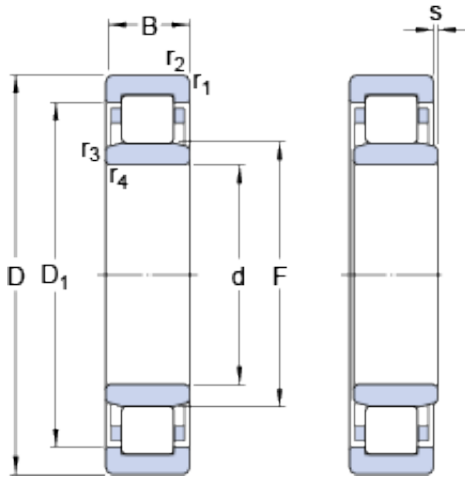




BEARINGS(UK)LTD.



110 mm x 240 mm x 50 mm skf NU 322
ECM/C3VL0241 INSOCOAT cylindrical roller
bearings, single row

Bearing No. NU 322 ECM/C3VL0241

NU 322 ECM/C3VL0241 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	201 mm
F	143 mm
s	3 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
d _a - min.	124 mm
d _a - max.	139 mm
d _b - min.	146 mm
D _a - min.	207 mm
D _a - max.	226 mm
r _a - max.	2.5 mm
r _b - max.	2.5 mm
Basic dynamic load rating - C	468 kN
Basic static load rating - C ₀	540 kN
Fatigue load limit - P _u	61 kN
Reference speed	2600 r/min



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Limiting speed	3400 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	12.057
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	C3-Loose
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; C3-Loose Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547



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Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 322 ECM/C3VL0241
Weight / LBS	26.557
Outside Diameter	9.449 Inch 240 Millimeter
Bore	4.331 Inch 110 Millimeter
Width	1.969 Inch 50 Millimeter
bore diameter:	110 mm
static load capacity:	540 kN
outside diameter:	240 mm
precision rating:	Not Rated
overall width:	50 mm
maximum rpm:	3400 RPM
flanges:	(2) Outer Ring
bearing material:	Steel
bore type:	Straight
cage material:	Brass
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C3
closure type:	Open
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
D ₁	201 mm
s max.	3 mm
r _{1,2} min.	3 mm
r _{3,4} min.	3 mm



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d_a min.	124 mm
d_a max.	139 mm
d_b min.	146 mm
D_a min.	207 mm
D_a max.	226 mm
r_a max.	2.5 mm
r_b max.	2.5 mm
Basic dynamic load rating C	468 kN
Basic static load rating C_0	540 kN
Fatigue load limit P_u	61 kN
Calculation factor k_r	0.15
Mass bearing	12 kg