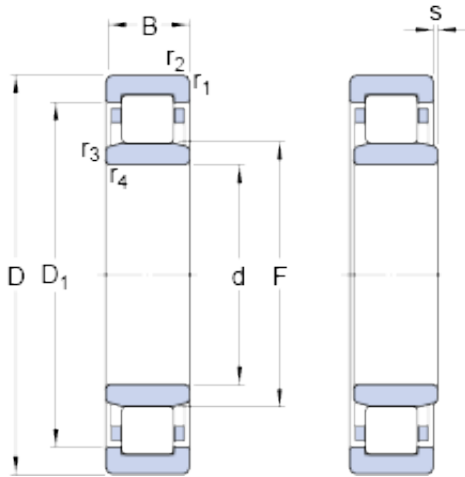




BEARING MANUFACTURING DE MEXICO, S.A.D...



95 mm x 200 mm x 45 mm SKF NU 319 ECM/C3VL0241 cylindrical roller bearings

Bearing No. NU 319 ECM/C3VL0241

NU 319 ECM/C3VL0241 Bearing 2D drawings and 3D
CAD models

Size	200x95x45 mm
Bore Diameter	200 mm
Outer Diameter	95 mm
Width	45 mm
d	95 mm
D	200 mm
B	45 mm
D ₁	170 mm
F	121.5 mm
s	2.9 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
d _a - min.	109 mm
d _a - max.	118 mm
d _b - min.	124 mm
D _a - min.	175 mm
D _a - max.	186 mm
r _a - max.	2.5 mm
r _b - max.	2.5 mm
Basic dynamic load rating - C	341 kN
Basic static load rating - C ₀	390 kN
Fatigue load limit - P _u	46.5 kN
Reference speed	3200 r/min
Limiting speed	4300 r/min



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Calculation factor - k_r	0.15
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.37
EAN	7316571428871
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	95MM Bore; Straight Bore Profile; 200MM Outside Diameter; 45MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C3-Loose Inter
Category	Cylindrical Roller Bearing
UNSPSC	31171547



BEARING MANUFACTURING DE MEXICO,S.A.D...

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 319 ECM/C3VL0241
Weight / LBS	16.226
Width	1.772 Inch 45 Millimeter
Bore	3.74 Inch 95 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
bore diameter:	95 mm
static load capacity:	390 kN
outside diameter:	200 mm
precision rating:	Not Rated
overall width:	45 mm
maximum rpm:	4300 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:	45 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2.5 mm
dynamic load capacity:	390 kN
series:	NU3
D ₁	170 mm
s max.	2.9 mm
r _{1,2} min.	3 mm
r _{3,4} min.	3 mm



BEARING MANUFACTURING DE MEXICO,S.A.D...

d_a min.	109 mm
d_a max.	118 mm
d_b min.	124 mm
D_a min.	175 mm
D_a max.	186 mm
r_a max.	2.5 mm
r_b max.	2.5 mm
Basic dynamic load rating C	341 kN
Basic static load rating C_0	390 kN
Fatigue load limit P_u	46.5 kN
Calculation factor k_r	0.15
Mass bearing	7.25 kg