



ISOSTATIC BEARING LIMITED



190 mm x 290 mm x 46 mm SKF NU 1038 ML Cylindrical Roller Bearings

Bearing No. NU 1038 ML

NU 1038 ML Bearing 2D drawings and 3D CAD models

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	11.22
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	Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	190MM Bore; Straight Bore Profile; 290MM Outside Diameter; 46MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides



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	Separable; No Snap Ring; Relubricatable; C0-Medium Int
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 1038 ML
Weight / LBS	24.714
B	1.811 Inch 46 Millimeter
D	11.417 Inch 290 Millimeter
d	7.48 Inch 190 Millimeter
bore diameter:	190 mm
static load capacity:	500 kN
outside diameter:	290 mm
maximum rpm:	3800 rpm
overall width:	46 mm
bearing material:	Steel
flanges:	(2) Flanges on outer Ring, Flangeless Inner Ring
cage material:	Brass
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
operating temperature range:	Maximum 302 ° F
series:	NU
dynamic load capacity:	347 kN
manufacturer upc number:	7316571327242
d	190 mm
D	290 mm



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B	46 mm
D ₁	256.1 mm
F	215 mm
r _{1,2} min.	2.1 mm
r _{3,4} min.	2.1 mm
s max.	6.1 mm
d _a min.	200 mm
d _a max.	212 mm
d _b min.	219 mm
D _a max.	280 mm
r _a max.	2 mm
r _b max.	2 mm
Basic dynamic load rating C	347 kN
Basic static load rating C ₀	500 kN
Fatigue load limit P _u	53 kN
Reference speed	2600 r/min
Limiting speed	3800 r/min
Calculation factor k _r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	10.8 kg