



90 mm x 140 mm x 24 mm SKF NU 1018 ML thrust ball bearings

Bearing No. NU 1018 ML

NU 1018 ML Bearing 2D drawings and 3D CAD models

Size	140x90x24 mm
Bore Diameter	140 mm
Outer Diameter	90 mm
Width	24 mm
d	90 mm
D	140 mm
B	24 mm
D ₁	122.1 mm
F	103 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1.1 mm
s	3.5 mm
d _a - min.	96 mm
d _a - max.	101 mm
d _b - min.	106 mm
D _a - max.	133 mm
r _a - max.	1.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	80.9 kN
Basic static load rating - C ₀	104 kN
Fatigue load limit - P _u	12.7 kN
Reference speed	5600 r/min
Limiting speed	8500 r/min
Calculation factor - k _r	0.15



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Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.414
EAN	7316577727091
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	90MM Bore; Straight Bore Profile; 140MM Outside Diameter; 24MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



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Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 1018 ML
Weight / LBS	3.115
Bore	3.543 Inch 90 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Width	0.945 Inch 24 Millimeter
bore diameter:	90 mm
static load capacity:	104 kN
outside diameter:	140 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	24 mm
maximum rpm:	8500 RPM
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:	24 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1.5 mm
dynamic load capacity:	80.9 kN
series:	NU10
D ₁	122.1 mm
r _{1,2} min.	1.5 mm
r _{3,4} min.	1.1 mm



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s max.	3.5 mm
d_a min.	96 mm
d_a max.	101 mm
d_b min.	106 mm
D_a max.	133 mm
r_a max.	1.5 mm
r_b max.	1 mm
Basic dynamic load rating C	80.9 kN
Basic static load rating C_0	104 kN
Fatigue load limit P_u	12.7 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.37 kg