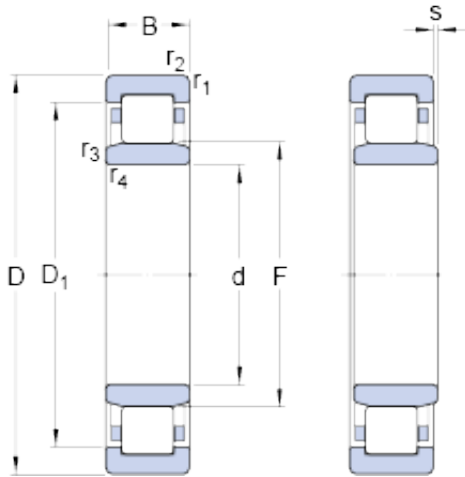




NACHI BEARINGS TRAINING INDUSTRY



60 mm x 95 mm x 18 mm SKF NU 1012 ML
thrust ball bearings

Bearing No. NU 1012 ML

NU 1012 ML Bearing 2D drawings and 3D CAD models

Size	95x60x18 mm
Bore Diameter	95 mm
Outer Diameter	60 mm
Width	18 mm
d	60 mm
D	95 mm
B	18 mm
D ₁	81.8 mm
F	69.5 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	1 mm
s	2.9 mm
d _a - min.	64.6 mm
d _a - max.	68 mm
d _b - min.	71 mm
D _a - max.	88 mm
r _a - max.	1 mm
r _b - max.	1 mm
Basic dynamic load rating - C	37.4 kN
Basic static load rating - C ₀	44 kN
Fatigue load limit - P _u	5.3 kN
Reference speed	8000 r/min
Limiting speed	13000 r/min
Calculation factor - k _r	0.15



NACHI BEARINGS TRAINING INDUSTRY

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.522
EAN	7316570435412
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	60MM Bore; Straight Bore Profile; 95MM Outside Diameter; 18MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



NACHI BEARINGS TRAINING INDUSTRY

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 1012 ML
Weight / LBS	1.149
Width	0.709 Inch 18 Millimeter
Outside Diameter	3.74 Inch 95 Millimeter
Bore	2.362 Inch 60 Millimeter
bore diameter:	60 mm
static load capacity:	44 kN
outside diameter:	95 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	18 mm
maximum rpm:	13000 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:	18 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	37.4 kN
series:	NU10
D ₁	81.8 mm
r _{1,2} min.	1.1 mm
r _{3,4} min.	1 mm



NACHI BEARINGS TRAINING INDUSTRY

s max.	2.9 mm
d _a min.	64.6 mm
d _a max.	68 mm
d _b min.	71 mm
D _a max.	88 mm
r _a max.	1 mm
r _b max.	1 mm
Basic dynamic load rating C	37.4 kN
Basic static load rating C ₀	44 kN
Fatigue load limit P _u	5.3 kN
Calculation factor k _r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.5 kg