



# NTN DRIVESHAFT ANDERSON, INC.



## 75 mm x 115 mm x 20 mm SKF NU 1015 ML thrust ball bearings

Bearing No. NU 1015 ML

NU 1015 ML Bearing 2D drawings and 3D CAD models

Size	115x75x20 mm
Bore Diameter	115 mm
Outer Diameter	75 mm
Width	20 mm
d	75 mm
D	115 mm
B	20 mm
D <sub>1</sub>	100.4 mm
F	85 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	1 mm
s	3 mm
d <sub>a</sub> - min.	80 mm
d <sub>a</sub> - max.	83 mm
d <sub>b</sub> - min.	87 mm
D <sub>a</sub> - max.	109 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	58.3 kN
Basic static load rating - C <sub>0</sub>	71 kN
Fatigue load limit - P <sub>u</sub>	8.5 kN
Reference speed	6700 r/min
Limiting speed	10000 r/min
Calculation factor - k <sub>r</sub>	0.15



## NTN DRIVESHAFT ANDERSON, INC.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.786
EAN	7316577729316
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	75MM Bore; Straight Bore Profile; 115MM Outside Diameter; 20MM 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



## NTN DRIVESHAFT ANDERSON, INC.

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NU 1015 ML
Weight / LBS	1.731
Bore	2.953 Inch   75 Millimeter
Outside Diameter	4.528 Inch   115 Millimeter
Width	0.787 Inch   20 Millimeter
bore diameter:	75 mm
static load capacity:	71 kN
outside diameter:	115 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	20 mm
maximum rpm:	10000 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:	20 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	58.3 kN
series:	NU10
D <sub>1</sub>	100.4 mm
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	1 mm



## NTN DRIVESHAFT ANDERSON, INC.

s max.	3 mm
$d_a$ min.	80 mm
$d_a$ max.	83 mm
$d_b$ min.	87 mm
$D_a$ max.	109 mm
$r_a$ max.	1 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	58.3 kN
Basic static load rating $C_0$	71 kN
Fatigue load limit $P_u$	8.5 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.75 kg