



**Bearing No. NU 1017 ML**

s	3.3 mm
F	96.5 mm
d	85 mm
D	130 mm
B	22 mm
Noun	Bearing
Bore	3.346 Inch   85 Millimeter
Width	0.866 Inch   22 Millimeter
UNSPSC	31171547
s max.	3.3 mm
series:	NU10
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	130x85x22
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	22
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
maximum rpm:	9000 RPM
Weight / LBS	2.425
Bore Profile	Straight
Mass bearing	1.06 kg

D <sub>1</sub>	114 mm
Product Group	B04144
closure type:	Open
Cage Material	Brass
Inch - Metric	Metric
Bearing number	NU 1017 ML
Relubricatable	Yes
fillet radius:	1 mm
cage material:	Brass
bore diameter:	85 mm
Other Features	Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
overall width:	22 mm
Limiting speed	9000 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Reference speed	6000 r/min
finish/coating:	Uncoated
Precision Class	RBEC 1   ISO P0
Limiting value e	0.2
Long Description	85MM Bore; Straight Bore Profile; 130MM Outside Diameter; 22MM Width; Brass Cage Matetrial; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
ring separation:	Separable Ring
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	5.118 Inch   130 Millimeter

outside diameter:	130 mm
outer ring width:	22 mm
Weight / Kilogram	1.101
Manufacturer Name	SKF
precision rating:	RBEC 1 (ISO Class Normal)
D <sub>a</sub> max.	123 mm
r <sub>b</sub> max.	1 mm
Bore Diameter (mm)	130
d <sub>a</sub> min.	91 mm
d <sub>b</sub> min.	99 mm
d <sub>a</sub> max.	94 mm
r <sub>a</sub> max.	1 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	85
Axial load factor Y	0.6
internal clearance:	C0
Minimum Buy Quantity	N/A
r <sub>b</sub> - max.	1 mm
r <sub>a</sub> - max.	1 mm
D <sub>a</sub> - max.	123 mm
d <sub>a</sub> - min.	91 mm
d <sub>b</sub> - min.	99 mm
r <sub>3,4</sub> min.	1 mm
d <sub>a</sub> - max.	94 mm
r <sub>1,2</sub> min.	1.1 mm
static load capacity:	86.5 kN
D <sub>1</sub> ?	114 mm
r <sub>1,2</sub> - min.	1.1 mm
dynamic load capacity:	68.2 kN
r <sub>3,4</sub> - min.	1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item	NU 1017 ML

Number	
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	68.2 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	68.2 kN
Calculation factor $k_r$	0.15
Fatigue load limit $P_u$	10.8 kN
Calculation factor - $k_r$	0.15
Fatigue load limit - $P_u$	10.8 kN
Basic static load rating $C_0$	86.5 kN
Basic static load rating - $C_0$	86.5 kN