



# TAIWAY Industry CO.,LTD.



## 85 mm x 130 mm x 22 mm SKF NU 1017 ML thrust ball bearings

Bearing No. NU 1017 ML

NU 1017 ML Bearing 2D drawings and 3D CAD models

Size	130x85x22 mm
Bore Diameter	130 mm
Outer Diameter	85 mm
Width	22 mm
d	85 mm
D	130 mm
B	22 mm
D <sub>1</sub>	114 mm
F	96.5 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	1 mm
s	3.3 mm
d <sub>a</sub> - min.	91 mm
d <sub>a</sub> - max.	94 mm
d <sub>b</sub> - min.	99 mm
D <sub>a</sub> - max.	123 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	68.2 kN
Basic static load rating - C <sub>0</sub>	86.5 kN
Fatigue load limit - P <sub>u</sub>	10.8 kN
Reference speed	6000 r/min
Limiting speed	9000 r/min
Calculation factor - k <sub>r</sub>	0.15



## TAIWAY Industry CO.,LTD.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.101
EAN	7316577664396
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	85MM Bore; Straight Bore Profile; 130MM Outside Diameter; 22MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NU 1017 ML
Weight / LBS	2.425
Outside Diameter	5.118 Inch   130 Millimeter
Width	0.866 Inch   22 Millimeter
Bore	3.346 Inch   85 Millimeter
bore diameter:	85 mm
static load capacity:	86.5 kN
outside diameter:	130 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	22 mm
maximum rpm:	9000 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:	22 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	68.2 kN
series:	NU10
D <sub>1</sub>	114 mm
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	1 mm



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s max.	3.3 mm
$d_a$ min.	91 mm
$d_a$ max.	94 mm
$d_b$ min.	99 mm
$D_a$ max.	123 mm
$r_a$ max.	1 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	68.2 kN
Basic static load rating $C_0$	86.5 kN
Fatigue load limit $P_u$	10.8 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.06 kg