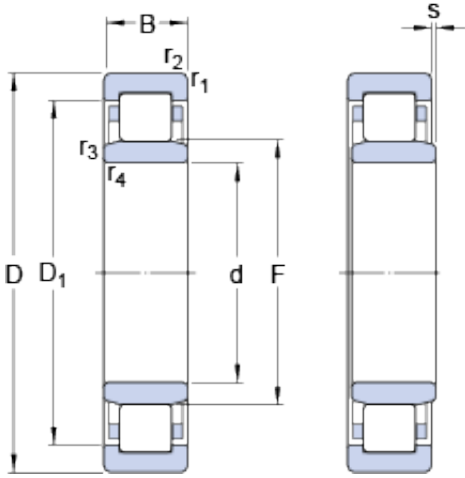




Mingda Bearing Products co., LTD



NU 1010 ECP Bearing 2D drawings and 3D CAD models

SKF NU 1010 ECP thrust ball bearings

Bearing No. NU 1010 ECP

Size	80x50x16 mm
Bore Diameter	80 mm
Outer Diameter	50 mm
Width	16 mm
d	50 mm
D	80 mm
B	16 mm
D ₁	70.5 mm
F	57.5 mm
r _{1,2} - min.	1 mm
r _{3,4} - min.	0.6 mm
s	1 mm
d _a - min.	57 mm
d _a - max.	56 mm
d _b - min.	59 mm
D _a - max.	74.6 mm
r _a - max.	1 mm
r _b - max.	0.6 mm
Basic dynamic load rating - C	46.8 kN
Basic static load rating - C ₀	56 kN
Fatigue load limit - P _u	6.7 kN
Reference speed	9500 r/min
Limiting speed	9500 r/min
Calculation factor - k _r	0.1
Category	Cylindrical Roller Bearings



Mingda Bearing Products co., LTD

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.29
EAN	7316571580289
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
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	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	50MM Bore; Straight Bore Profile; 80MM Outside Diameter; 16MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com



Mingda Bearing Products co., LTD

Manufacturer Item Number	NU 1010 ECP
Weight / LBS	0.639
Outside Diameter	3.15 Inch 80 Millimeter
Bore	1.969 Inch 50 Millimeter
Width	0.63 Inch 16 Millimeter
bore diameter:	50 mm
static load capacity:	56 kN
outside diameter:	80 mm
precision rating:	Not Rated
overall width:	16 mm
maximum rpm:	9500 RPM
flanges:	(2) Outer Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
outer ring width:	16 mm
ring separation:	Separable Ring
fillet radius:	1 mm
operating temperature range:	Maximum of +300 ° F
series:	NU10
dynamic load capacity:	46.8 kN
D ₁	70.5 mm
r _{1,2} min.	1 mm
r _{3,4} min.	0.6 mm
s max.	1 mm
d _a min.	57 mm
d _a max.	56 mm
d _b min.	59 mm



Mingda Bearing Products co., LTD

D_a max.	74.6 mm
r_a max.	1 mm
r_b max.	0.6 mm
Basic dynamic load rating C	46.8 kN
Basic static load rating C_0	56 kN
Fatigue load limit P_u	6.7 kN
Calculation factor k_r	0.1
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.27 kg