



100 mm x 180 mm x 46 mm SKF NU 2220 ECJ thrust ball bearings

Bearing No. NU 2220 ECJ

NU 2220 ECJ Bearing 2D drawings and 3D CAD models

Size	180x100x46 mm
Bore Diameter	180 mm
Outer Diameter	100 mm
Width	46 mm
d	100 mm
D	180 mm
B	46 mm
D ₁	155.6 mm
F	119 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
s	2.5 mm
d _a - min.	113 mm
d _a - max.	116 mm
d _b - min.	122 mm
D _a - max.	167.5 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	380 kN
Basic static load rating - C ₀	450 kN
Fatigue load limit - P _u	54 kN
Reference speed	4000 r/min
Limiting speed	4500 r/min
Calculation factor - k _r	0.2



NTN BEARING MANUFACTURING DE MEXICO,S...

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.881
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
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	100MM Bore; Straight Bore Profile; 180MM Outside Diameter; 46MM Width; Steel 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



NTN BEARING MANUFACTURING DE MEXICO,S...

Manufacturer Item Number	NU 2220 ECJ
Weight / LBS	10.752
Outside Diameter	7.087 Inch 180 Millimeter
Bore	3.937 Inch 100 Millimeter
Width	1.811 Inch 46 Millimeter
bore diameter:	100 mm
static load capacity:	450 kN
outside diameter:	180 mm
precision rating:	Not Rated
overall width:	46 mm
maximum rpm:	4550 RPM
flanges:	(2) Outer Ring
bearing material:	Steel
bore type:	Straight
cage material:	Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	46 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	380 kN
series:	NU22
D_1	155.6 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
s max.	2.5 mm
d_a min.	113 mm
d_a max.	116 mm



d_b min.	122 mm
D_a max.	167.5 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	380 kN
Basic static load rating C_0	450 kN
Fatigue load limit P_u	54 kN
Calculation factor k_r	0.2
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	4.8 kg