



NUP 2222 ECP Bearing 2D drawings and 3D CAD models

## 110 mm x 200 mm x 53 mm SKF NUP 2222 ECP thrust ball bearings

Bearing No. NUP 2222 ECP

Size	200x110x53 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	53 mm
d	110 mm
D	200 mm
B	53 mm
d <sub>1</sub>	141 mm
D <sub>1</sub>	172.5 mm
F	132.5 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
d <sub>a</sub> - min.	122 mm
d <sub>b</sub> - min.	144 mm
D <sub>a</sub> - max.	187 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	440 kN
Basic static load rating - C <sub>0</sub>	520 kN
Fatigue load limit - P <sub>u</sub>	61 kN
Reference speed	3600 r/min
Limiting speed	4000 r/min
Calculation factor - k <sub>r</sub>	0.2
Category	Cylindrical Roller Bearings
Inventory	0.0



## Jinan Kaidong Bearing Co., Ltd.

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.072
EAN	7316577031402
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	No
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   1 Rib Inner Ring with Side Plate   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	110MM Bore; Straight Bore Profile; 200MM Outside Diameter; 53MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; R
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>



## Jinan Kaidong Bearing Co., Ltd.

Manufacturer Item Number	NUP 2222 ECP
Weight / LBS	15.578
Width	2.087 Inch   53 Millimeter
Bore	4.331 Inch   110 Millimeter
Outside Diameter	7.874 Inch   200 Millimeter
bore diameter:	110 mm
static load capacity:	520 kN
outside diameter:	200 mm
maximum rpm:	4000 rpm
overall width:	53 mm
bearing material:	Steel
flanges:	(2) Flanges on outer Ring, Flangeless Inner Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
operating temperature range:	Maximum 302 ° F
series:	NUP
dynamic load capacity:	440 kN
manufacturer upc number:	7316577031402
$d_1$	141 mm
$D_1$	172.5 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
$d_a$ min.	122 mm
$d_b$ min.	144 mm
$D_a$ max.	187 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	440 kN
Basic static load rating $C_0$	520 kN



## Jinan Kaidong Bearing Co., Ltd.

Fatigue load limit $P_u$	61 kN
Calculation factor $k_r$	0.2
Limiting value $e$	0.3
Axial load factor $Y$	0.4
Mass bearing	6.98 kg