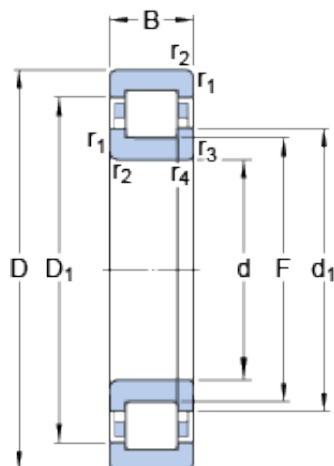




# IOR Bearing Manufacturing Co.,Ltd



NUP 219 ECP Bearing 2D drawings and 3D CAD models

## SKF NUP 219 ECP thrust ball bearings

Bearing No. NUP 219 ECP

Size	170x95x32 mm
Bore Diameter	170 mm
Outer Diameter	95 mm
Width	32 mm
d	95 mm
D	170 mm
B	32 mm
d <sub>1</sub>	120 mm
D <sub>1</sub>	147.4 mm
F	112.5 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
d <sub>a</sub> - min.	107 mm
d <sub>b</sub> - min.	123 mm
D <sub>a</sub> - max.	157.8 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	255 kN
Basic static load rating - C <sub>0</sub>	265 kN
Fatigue load limit - P <sub>u</sub>	32.5 kN
Reference speed	4300 r/min
Limiting speed	4800 r/min
Calculation factor - k <sub>r</sub>	0.15
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF



## IOR Bearing Manufacturing Co.,Ltd

Minimum Buy Quantity	N/A
Weight / Kilogram	2.95
EAN	7316577313461
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	95MM Bore; Straight Bore Profile; 170MM Outside Diameter; 32MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Re
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>
Manufacturer Item Number	NUP 219 ECP



## IOR Bearing Manufacturing Co.,Ltd

Weight / LBS	6.497
Bore	3.74 Inch   95 Millimeter
Width	1.26 Inch   32 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
bore diameter:	95 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	170 mm
maximum rpm:	4800 RPM
overall width:	32 mm
bearing material:	Steel
flanges:	(4) Flanges, Two-Piece Inner Ring
cage material:	Polyamide
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:	32 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	255 kN
series:	NUP2
static load capacity:	265 kN
d <sub>1</sub>	120 mm
D <sub>1</sub>	147.4 mm
r <sub>1,2</sub> min.	2.1 mm
r <sub>3,4</sub> min.	2.1 mm



## IOR Bearing Manufacturing Co.,Ltd

$d_a$ min.	107 mm
$d_b$ min.	123 mm
$D_a$ max.	157.8 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	255 kN
Basic static load rating $C_0$	265 kN
Fatigue load limit $P_u$	32.5 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	2.9 kg