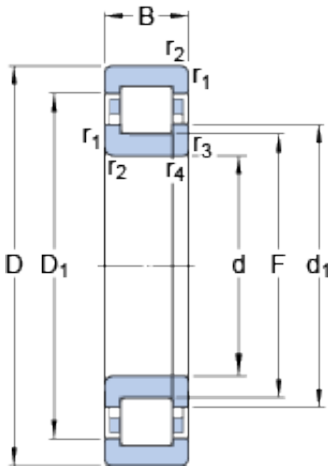




# AMERICAN BEARING MFG.CORP.



60 mm x 110 mm x 28 mm SKF NUP 2212 ECP  
thrust ball bearings

Bearing No. NUP 2212 ECP

NUP 2212 ECP Bearing 2D drawings and 3D CAD models

Size	110x60x28 mm
Bore Diameter	110 mm
Outer Diameter	60 mm
Width	28 mm
d	60 mm
D	110 mm
B	28 mm
d <sub>1</sub>	77.5 mm
D <sub>1</sub>	95 mm
F	72 mm
r <sub>1,2</sub> - min.	1.5 mm
r <sub>3,4</sub> - min.	1.5 mm
d <sub>a</sub> - min.	68 mm
d <sub>b</sub> - min.	80 mm
D <sub>a</sub> - max.	101 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	146 kN
Basic static load rating - C <sub>0</sub>	153 kN
Fatigue load limit - P <sub>u</sub>	20 kN
Reference speed	6700 r/min
Limiting speed	7500 r/min
Calculation factor - k <sub>r</sub>	0.2
Category	Cylindrical Roller Bearings
Inventory	0.0



## AMERICAN BEARING MFG.CORP.

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.124
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	60MM Bore; Straight Bore Profile; 110MM Outside Diameter; 28MM 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 2212 ECP



## AMERICAN BEARING MFG.CORP.

Weight / LBS	2.476
Width	1.102 Inch   28 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Bore	2.362 Inch   60 Millimeter
bore diameter:	60 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	110 mm
maximum rpm:	7500 RPM
overall width:	28 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:	28 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1.5 mm
dynamic load capacity:	146 kN
series:	NUP22
static load capacity:	153 kN
$d_1$	77.5 mm
$D_1$	95 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1.5 mm



## AMERICAN BEARING MFG.CORP.

$d_a$ min.	68 mm
$d_b$ min.	80 mm
$D_a$ max.	101 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	146 kN
Basic static load rating $C_0$	153 kN
Fatigue load limit $P_u$	20 kN
Calculation factor $k_r$	0.2
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	1.09 kg