



**Bearing No. NU 2212 ECP**

D	110 mm
d	60 mm
B	28 mm
F	72 mm
s	1.4 mm
Bore	2.362 Inch   60 Millimeter
Noun	Bearing
Width	1.102 Inch   28 Millimeter
s max.	1.4 mm
UNSPSC	31171547
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	110x60x28
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	28
Bore Profile	Straight
Mass bearing	1.05 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	2.391
maximum rpm:	7500 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Polymer
D <sub>1</sub>	95 mm
bore diameter:	60 mm
overall width:	28 mm
cage material:	Polyamide
Other Features	High Capacity   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	1.5 mm
Bearing number	NU 2212 ECP
Limiting speed	7500 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1   ISO P0
finish/coating:	Uncoated
Reference speed	6700 r/min
ring separation:	Separable Ring
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	4.331 Inch   110 Millimeter
Limiting value e	0.3
Long Description	60MM Bore; Straight Bore Profile; 110MM Outside Diameter; 28MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable;

	C0-Medium In
outer ring width:	28 mm
Manufacturer Name	SKF
Weight / Kilogram	1.086
bearing material:	Steel
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	110 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	110
$r_b$ max.	1.5 mm
$d_a$ max.	70 mm
$d_b$ min.	74 mm
$D_a$ max.	101 mm
$r_a$ max.	1.5 mm
$d_a$ min.	68 mm
Outer Diameter (mm)	60
Axial load factor Y	0.4
internal clearance:	C0
$r_{3,4}$ min.	1.5 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ - min.	68 mm
$r_a$ - max.	1.5 mm
Minimum Buy Quantity	N/A
$r_b$ - max.	1.5 mm
$d_a$ - max.	70 mm
$d_b$ - min.	74 mm
$D_a$ - max.	101 mm
static load capacity:	153 kN
$D_1$ ?	95 mm
$r_{3,4}$ - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00
	1.5 mm

r<sub>1,2</sub> - min.

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dynamic load capacity:	146 kN
Manufacturer Item Number	NU 2212 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	146 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	146 kN
Fatigue load limit $P_u$	20 kN
Calculation factor $k_r$	0.2
Fatigue load limit - $P_u$	20 kN
Calculation factor - $k_r$	0.2
Basic static load rating $C_0$	153 kN
Basic static load rating - $C_0$	153 kN