



BROWNING BEARING COMPANY



60 mm x 110 mm x 22 mm skf nu 212 ecp bearing

Bearing No. nu 212 ecp

nu 212 ecp Bearing 2D drawings and 3D CAD models

Size	110x60x22 mm
Bore Diameter	110 mm
Outer Diameter	60 mm
Width	22 mm
d	60 mm
D	110 mm
B	22 mm
D ₁	95 mm
F	72 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1.5 mm
s	1.4 mm
d _a - min.	68 mm
d _a - max.	70 mm
d _b - min.	74 mm
D _a - max.	101 mm
r _a - max.	1.5 mm
r _b - max.	1.5 mm
Basic dynamic load rating - C	108 kN
Basic static load rating - C ₀	102 kN
Fatigue load limit - P _u	13.4 kN
Reference speed	6700 r/min
Limiting speed	7500 r/min
Calculation factor - k _r	0.15



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Category	Cylindrical Roller Bearings
Inventory	6.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.826
EAN	7316577027665
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
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	60MM Bore; Straight Bore Profile; 110MM Outside Diameter; 22MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



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Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 212 ECP
Weight / LBS	1.82
Bore	2.362 Inch 60 Millimeter
Width	0.866 Inch 22 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
bore diameter:	60 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	110 mm
maximum rpm:	7500 RPM
overall width:	22 mm
bearing material:	Steel
flanges:	(2) Outer 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:	22 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1.5 mm
dynamic load capacity:	108 kN
series:	NU2
static load capacity:	102 kN
D ₁	95.1 mm
r _{1,2} min.	1.5 mm



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$r_{3,4}$ min.	1.5 mm
s max.	1.4 mm
d_a min.	68 mm
d_a max.	70 mm
d_b min.	74 mm
D_a max.	101 mm
r_a max.	1.5 mm
r_b max.	1.5 mm
Basic dynamic load rating C	108 kN
Basic static load rating C_0	102 kN
Fatigue load limit P_u	13.4 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.8 kg