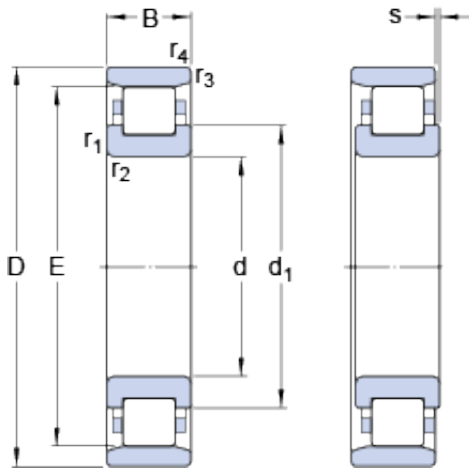




BEARING DRIVESHAFT, INC.



60 mm x 110 mm x 22 mm SKF N 212 ECM
thrust ball bearings

Bearing No. N 212 ECM

N 212 ECM 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	77.5 mm
E	100 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.	98 mm
D _a - min.	102 mm
D _a - max.	103 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	0.12



BEARING DRIVESHAFT, INC.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.993
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer 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 2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD
Long Description	60MM Bore; Straight Bore Profile; 110MM Outside Diameter; 22MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com



BEARING DRIVESHAFT, INC.

Manufacturer Item Number	N 212 ECM
Weight / LBS	2.187
Outside Diameter	4.331 Inch 110 Millimeter
Bore	2.362 Inch 60 Millimeter
Width	0.866 Inch 22 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) Inner Ring
cage material:	Brass
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:	N2
static load capacity:	102 kN
d ₁	77.5 mm
r _{1,2} min.	1.5 mm
r _{3,4} min.	1.5 mm



BEARING DRIVESHAFT, INC.

s max.	1.4 mm
d_a min.	68 mm
d_a max.	98 mm
D_a min.	102 mm
D_a max.	103 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	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.93 kg