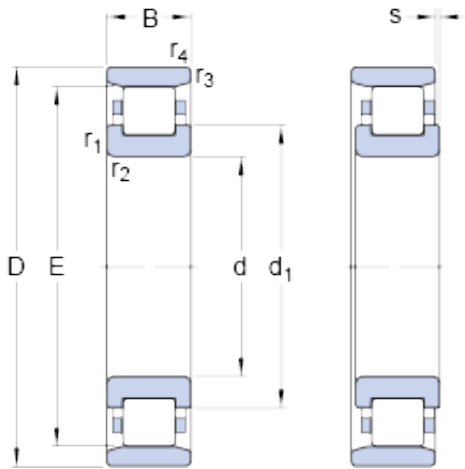




BEARING SUDAMERICANA, S.A.



120 mm x 215 mm x 40 mm SKF N 224 ECM
thrust ball bearings

Bearing No. N 224 ECM

N 224 ECM Bearing 2D drawings and 3D CAD models

Size	215x120x40 mm
Bore Diameter	120 mm
Outer Diameter	215 mm
Width	40 mm
d	120 mm
D	215 mm
B	40 mm
d ₁	153 mm
E	195.5 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
s	1.9 mm
d _a - min.	132 mm
d _a - max.	192 mm
D _a - min.	199 mm
D _a - max.	203 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	390 kN
Basic static load rating - C ₀	430 kN
Fatigue load limit - P _u	49 kN
Reference speed	3400 r/min
Limiting speed	3600 r/min
Calculation factor - k _r	0.12



BEARING SUDAMERICANA, S.A.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.608
EAN	7316576626098
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	120MM Bore; Straight Bore Profile; 215MM Outside Diameter; 40MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



BEARING SUDAMERICANA, S.A.

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	N 224 ECM
Weight / LBS	14.555
Width	1.575 Inch 40 Millimeter
Outside Diameter	8.465 Inch 215 Millimeter
Bore	4.724 Inch 120 Millimeter
bore diameter:	120 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	215 mm
maximum rpm:	3600 RPM
overall width:	40 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:	40 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	390 kN
series:	N2
static load capacity:	430 kN
d ₁	153 mm
r _{1,2} min.	2.1 mm



BEARING SUDAMERICANA, S.A.

$r_{3,4}$ min.	2.1 mm
s max.	1.9 mm
d_a min.	132 mm
d_a max.	192 mm
D_a min.	199 mm
D_a max.	203 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	390 kN
Basic static load rating C_0	430 kN
Fatigue load limit P_u	49 kN
Calculation factor k_r	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	6.51 kg