



GARLOCK BEARINGS LTD



110 mm x 240 mm x 50 mm SKF 7322 BECBM Angular Contact Ball Bearings

Bearing No. 7322 BECBM

7322 BECBM Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	10.72
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	110MM Bore; 240MM Outside Diameter; 50MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring



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Other Features	Normal Axial Internal Clearance
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7322 BECBM
Weight / LBS	23.609
D	9.449 Inch 240 Millimeter
d	4.331 Inch 110 Millimeter
B	1.969 Inch 50 Millimeter
bore diameter:	110 mm
radial static load capacity:	224 kN
outside diameter:	240 mm
cage material:	Brass
overall width:	50 mm
outer ring width:	50 mm
contact angle:	40 °
maximum rpm:	3400 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	2.5 mm
radial dynamic load capacity:	225 kN
series:	73
d	110 mm
D	240 mm



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B	50 mm
d ₁	160.8 mm
d ₂	134.98 mm
D ₁	193.5 mm
a	99 mm
r _{1,2} min.	3 mm
r _{3,4} min.	1.1 mm
d _a min.	124 mm
D _a max.	226 mm
D _b max.	233 mm
r _a max.	2.5 mm
r _b max.	1 mm
Basic dynamic load rating C	240 kN
Basic static load rating C ₀	245 kN
Fatigue load limit P _u	7.8 kN
Reference speed	3400 r/min
Limiting speed	4500 r/min
Calculation factor A	0.906
Calculation factor k _r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y ₀	0.26
Calculation factor Y ₂	0.57
Calculation factor X	0.57
Calculation factor Y ₀	0.52
Calculation factor Y ₁	0.55
Calculation factor Y ₂	0.93
Mass bearing	10 kg