



GARLOCK BEARINGS LTD



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

Bearing No. 7322 BEGBM

7322 BEGBM 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
EAN	7316577151391
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	C0-Medium
Number of Bearings	1 (Single)
Preload	Medium
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	110MM Bore; 240MM Outside Diameter; 50MM Width; Open; Yes Flush Ground; Ball Bearing; Single



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	Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
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 BEGBM
Weight / LBS	23.609
B	1.969 Inch 50 Millimeter
d	4.331 Inch 110 Millimeter
D	9.449 Inch 240 Millimeter
bore diameter:	110 mm
closure type:	Open
outside diameter:	240 mm
snap ring included:	Without Snap Ring
overall width:	1.9685 in
cage material:	Brass Cage
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
precision rating:	ABEC3
internal clearance:	C0
series:	7300
bore type:	Round
d	110 mm
D	240 mm
B	50 mm
d ₁	160.8 mm
d ₂	134.98 mm



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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