



# BROWNING BEARING COMPANY



7322 becbm Bearing 2D drawings and 3D CAD models

110 mm x 240 mm x 50 mm skf 7322 becbm bearing

Bearing No. 7322 becbm

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	10.72
EAN	7316577101761
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



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	Ring
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	<a href="http://www.skf.com">http://www.skf.com</a>
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



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D	240 mm
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