



# GARLOCK BEARINGS LTD



## 110 mm x 240 mm x 50 mm SKF QJ 322 N2MA Angular Contact Ball Bearings

Bearing No. QJ 322 N2MA

QJ 322 N2MA Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	11.77
Product Group	B00308
Enclosure	Open
Flush Ground	No
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	35 Degree   4 Point
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	110MM Bore; 240MM Outside Diameter; 50MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring
Other Features	Split Inner Race



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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	QJ 322 N2MA
Weight / LBS	25.926
D	9.449 Inch   240 Millimeter
B	1.969 Inch   50 Millimeter
d	4.331 Inch   110 Millimeter
inside diameter:	110 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	240 mm
cage material:	Brass
overall width:	50 mm
maximum rpm:	4800 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	50 mm
radial dynamic load capacity:	390 kN
fillet radius:	2.5 mm
radial static load capacity:	480 kN
series:	QJ
d	110 mm
D	240 mm
B	50 mm
d <sub>1</sub>	154 mm
D <sub>1</sub>	196 mm



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a	123 mm
h	11.7 mm
b	10.5 mm
$r_0$	2 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	124 mm
$D_a$ max.	226 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	390 kN
Basic static load rating $C_0$	480 kN
Fatigue load limit $P_u$	15.3 kN
Limiting speed	4800 r/min
Calculation factor A	0.635
Calculation factor e	0.95
Calculation factor X	0.6
Calculation factor $Y_0$	0.58
Calculation factor $Y_1$	0.66
Calculation factor $Y_2$	1.07
Mass bearing	12.5 kg