



GARLOCK BEARINGS LTD



85 mm x 180 mm x 41 mm SKF QJ 317 N2MA Angular Contact Ball Bearings

Bearing No. QJ 317 N2MA

QJ 317 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	5.33
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	85MM Bore; 180MM Outside Diameter; 41MM 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	http://www.skf.com
Manufacturer Item Number	QJ 317 N2MA
Weight / LBS	11.747
D	7.087 Inch 180 Millimeter
d	3.346 Inch 85 Millimeter
B	1.614 Inch 41 Millimeter
inside diameter:	85 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	180 mm
cage material:	Brass
overall width:	41 mm
maximum rpm:	6700 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	41 mm
radial dynamic load capacity:	250 kN
fillet radius:	2.5 mm
radial static load capacity:	255 kN
series:	QJ
d	85 mm
D	180 mm
B	41 mm
d ₁	117 mm
D ₁	148 mm



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a	93 mm
h	11.7 mm
b	10.5 mm
r_0	2 mm
$r_{1,2}$ min.	3 mm
d_a min.	99 mm
D_a max.	166 mm
r_a max.	2.5 mm
Basic dynamic load rating C	250 kN
Basic static load rating C_0	255 kN
Fatigue load limit P_u	8.65 kN
Limiting speed	6700 r/min
Calculation factor A	0.193
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	5.45 kg