



GF BEARING-SINGAPORE LTD.



80 mm x 170 mm x 39 mm skf QJ 316 N2MA
four-point contact ball bearings

Bearing No. QJ 316 N2MA

QJ 316 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	4.57
EAN	7316577069610
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	80MM Bore; 170MM Outside Diameter; 39MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring



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Other Features	Split Inner Race
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 316 N2MA
Weight / LBS	10.071
B	1.535 Inch 39 Millimeter
d	3.15 Inch 80 Millimeter
D	6.693 Inch 170 Millimeter
inside diameter:	80 mm
precision rating:	Not Rated
outside diameter:	170 mm
cage material:	Brass
overall width:	39 mm
maximum rpm:	7000 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	39 mm
radial dynamic load capacity:	232 kN
fillet radius:	2 mm
radial static load capacity:	228 kN
series:	QJ
d	80 mm
D	170 mm
B	39 mm
d ₁	111 mm
D ₁	139 mm



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a	88 mm
h	10.1 mm
b	8.5 mm
r_0	2 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	92 mm
D_a max.	158 mm
r_a max.	2 mm
Basic dynamic load rating C	232 kN
Basic static load rating C_0	228 kN
Fatigue load limit P_u	8.65 kN
Limiting speed	7000 r/min
Calculation factor A	0.155
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	4.6 kg