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180 mm x 320 mm x 52 mm SKF QJ 236 N2MA
Angular Contact Ball Bearings

Bearing No. QJ 236 N2MA

QJ 236 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	19.18
EAN	7316577314673
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	180MM Bore; 320MM Outside Diameter; 52MM 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 236 N2MA
Weight / LBS	42.241
d	7.087 Inch 180 Millimeter
B	2.047 Inch 52 Millimeter
D	12.598 Inch 320 Millimeter
inside diameter:	180 mm
precision rating:	Not Rated
outside diameter:	320 mm
cage material:	Brass
overall width:	52 mm
maximum rpm:	3400 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	52 mm
radial dynamic load capacity:	475 kN
fillet radius:	3 mm
radial static load capacity:	765 kN
series:	QJ
d	180 mm
D	320 mm
B	52 mm
d ₁	231 mm
D ₁	269 mm



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a	175 mm
h	12.7 mm
b	10.5 mm
r_0	2 mm
$r_{1,2}$ min.	4 mm
d_a min.	197 mm
D_a max.	303 mm
r_a max.	3 mm
Basic dynamic load rating C	475 kN
Basic static load rating C_0	765 kN
Fatigue load limit P_u	20.8 kN
Limiting speed	3400 r/min
Calculation factor A	1.39
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	20.5 kg