



Jinan QiMing Bearing Co., Ltd.



QJ 211 MA Bearing 2D drawings and 3D CAD models

55 mm x 100 mm x 21 mm SKF QJ 211 MA Angular Contact Ball Bearings

Bearing No. QJ 211 MA

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.77
EAN	7316576632013
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	55MM Bore; 100MM Outside Diameter; 21MM 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 211 MA
Weight / LBS	1.702
D	3.937 Inch 100 Millimeter
d	2.165 Inch 55 Millimeter
B	0.827 Inch 21 Millimeter
inside diameter:	55 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	100 mm
cage material:	Brass
overall width:	21 mm
maximum rpm:	11000 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	21 mm
radial dynamic load capacity:	85 kN
fillet radius:	1.5 mm
radial static load capacity:	83 kN
series:	QJ
d	55 mm
D	100 mm
B	21 mm
d ₁	66 mm



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D_1	84.7 mm
a	54 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	64 mm
D_a max.	91 mm
r_a max.	1.5 mm
Basic dynamic load rating C	85 kN
Basic static load rating C_0	83 kN
Fatigue load limit P_u	3.55 kN
Limiting speed	11000 r/min
Calculation factor A	0.0173
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	0.77 kg