



TIMKEN AXLE CORP.



110 mm x 200 mm x 38 mm SKF QJ 222 N2MA Angular Contact Ball Bearings

Bearing No. QJ 222 N2MA

QJ 222 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	5.58
EAN	7316577108616
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; 200MM Outside Diameter; 38MM 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 222 N2MA
Weight / LBS	12.297
d	4.331 Inch 110 Millimeter
D	7.874 Inch 200 Millimeter
B	1.496 Inch 38 Millimeter
inside diameter:	110 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	200 mm
cage material:	Brass
overall width:	38 mm
maximum rpm:	5600 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	38 mm
radial dynamic load capacity:	280 kN
fillet radius:	2 mm
radial static load capacity:	325 kN
series:	QJ
d	110 mm
D	200 mm
B	38 mm
d ₁	141 mm



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D_1	169 mm
a	109 mm
h	10.1 mm
b	8.5 mm
r_0	2 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	122 mm
D_a max.	188 mm
r_a max.	2 mm
Basic dynamic load rating C	280 kN
Basic static load rating C_0	325 kN
Fatigue load limit P_u	11.2 kN
Limiting speed	5600 r/min
Calculation factor A	0.277
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	5.6 kg