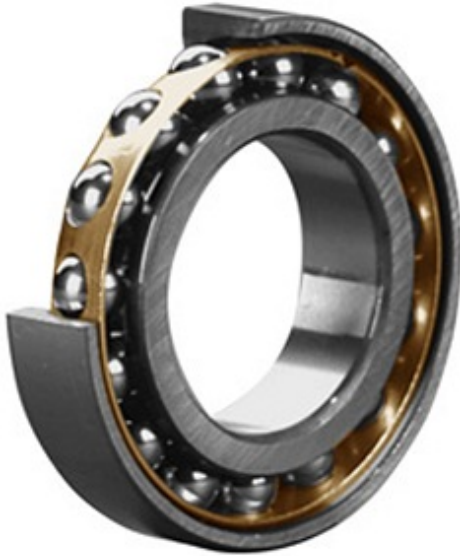




# NTN BEARING CORP.OF AMERICA



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



## NTN BEARING CORP.OF AMERICA

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	<a href="http://www.skf.com">http://www.skf.com</a>
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 <sub>1</sub>	141 mm



## NTN BEARING CORP.OF AMERICA

$D_1$	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