



# TIMKEN BEARINGS(UK)LTD.



170 mm x 310 mm x 52 mm SKF QJ 234 N2MA  
Angular Contact Ball Bearings

Bearing No. QJ 234 N2MA

QJ 234 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	18.38
EAN	7316570873856
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	170MM Bore; 310MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	QJ 234 N2MA
Weight / LBS	40.477
d	6.693 Inch   170 Millimeter
D	12.205 Inch   310 Millimeter
B	2.047 Inch   52 Millimeter
inside diameter:	170 mm
precision rating:	Not Rated
outside diameter:	310 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:	455 kN
fillet radius:	3 mm
radial static load capacity:	720 kN
series:	QJ
d	170 mm
D	310 mm
B	52 mm
d <sub>1</sub>	204 mm
D <sub>1</sub>	243 mm



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a	168 mm
h	12.7 mm
b	10.5 mm
$r_0$	2 mm
$r_{1,2}$ min.	4 mm
$d_a$ min.	187 mm
$D_a$ max.	293 mm
$r_a$ max.	3 mm
Basic dynamic load rating C	455 kN
Basic static load rating $C_0$	720 kN
Fatigue load limit $P_u$	20 kN
Limiting speed	3400 r/min
Calculation factor A	1.26
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	19.5 kg