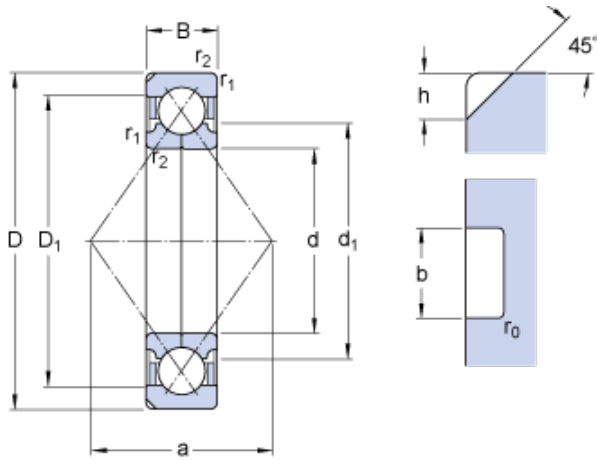




NTN BEARUNG DRIVESHAFT, INC.



95 mm x 170 mm x 32 mm SKF QJ 219 N2MA
angular contact ball bearings

Bearing No. QJ 219 N2MA

QJ 219 N2MA Bearing 2D drawings and 3D CAD models

Size	170x95x32 mm
Bore Diameter	170 mm
Outer Diameter	95 mm
Width	32 mm
d	95 mm
D	170 mm
B	32 mm
d ₁	120 mm
D ₁	145 mm
a	93 mm
h	8.1 mm
b	6.5 mm
r ₀	1 mm
r _{1,2} - min.	2.1 mm
d _a - min.	107 mm
D _a - max.	158 mm
r _a - max.	2 mm
Basic dynamic load rating - C	212 kN
Basic static load rating - C ₀	232 kN
Fatigue load limit - P _u	8.5 kN
Reference speed	4800 r/min
Limiting speed	6700 r/min
Calculation factor - k _a	1
Calculation factor - e	0.95



NTN BEARUNG DRIVESHAFT,INC.

Calculation factor - X	0.6
Calculation factor - Y ₀	0.58
Calculation factor - Y ₁	0.66
Calculation factor - Y ₂	1.07
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.31
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	95MM Bore; 170MM Outside Diameter; 32MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Other Features	Split Inner Race
Category	Angular Contact Ball Bearing



NTN BEARUNG DRIVESHAFT,INC.

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 219 N2MA
Weight / LBS	7.292
Bore	3.74 Inch 95 Millimeter
Outside Diameter	6.693 Inch 170 Millimeter
Width	1.26 Inch 32 Millimeter
inside diameter:	95 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	170 mm
cage material:	Brass
overall width:	32 mm
maximum rpm:	6700 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	32 mm
radial dynamic load capacity:	212 kN
fillet radius:	2 mm
radial static load capacity:	232 kN
series:	QJ
d_1	120 mm
D_1	145 mm
r_0	1 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	107 mm
D_a max.	158 mm
r_a max.	2 mm



NTN BEARUNG DRIVESHAFT, INC.

Basic dynamic load rating C	212 kN
Basic static load rating C_0	232 kN
Fatigue load limit P_u	8.5 kN
Calculation factor A	0.138
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	3.35 kg