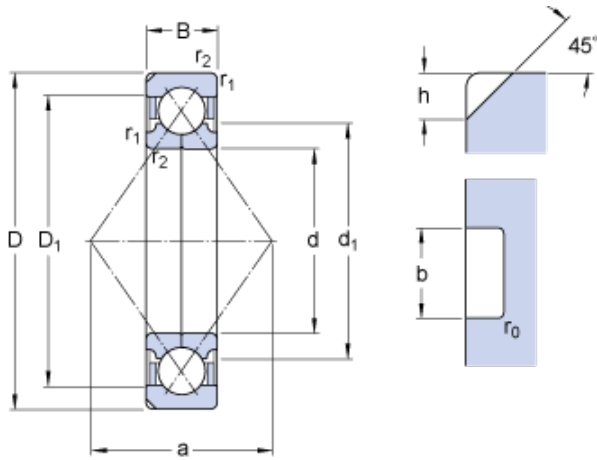




BEARING DRIVESHAFT, INC.



120 mm x 260 mm x 55 mm SKF QJ 324 N2MA
angular contact ball bearings

Bearing No. QJ 324 N2MA

QJ 324 N2MA Bearing 2D drawings and 3D CAD models

Size	260x120x55 mm
Bore Diameter	260 mm
Outer Diameter	120 mm
Width	55 mm
d	120 mm
D	260 mm
B	55 mm
d ₁	169 mm
D ₁	211 mm
a	133 mm
h	11.7 mm
b	10.5 mm
r ₀	2 mm
r _{1,2} - min.	3 mm
d _a - min.	134 mm
D _a - max.	246 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	415 kN
Basic static load rating - C ₀	530 kN
Fatigue load limit - P _u	16.3 kN
Reference speed	3200 r/min
Limiting speed	4500 r/min
Calculation factor - k _a	1.1
Calculation factor - e	0.95



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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	15.22
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	120MM Bore; 260MM Outside Diameter; 55MM 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



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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 324 N2MA
Weight / LBS	33.518
Width	2.165 Inch 55 Millimeter
Bore	4.724 Inch 120 Millimeter
Outside Diameter	10.236 Inch 260 Millimeter
inside diameter:	120 mm
closure type:	Open
outside diameter:	260 mm
precision rating:	ABEC1
overall width:	55 mm
cage material:	Brass Cage
internal clearance:	C0
d_1	169 mm
D_1	211 mm
r_0	2 mm
$r_{1,2}$ min.	3 mm
d_a min.	134 mm
D_a max.	246 mm
r_a max.	2.5 mm
Basic dynamic load rating C	415 kN
Basic static load rating C_0	530 kN
Fatigue load limit P_u	16.3 kN
Calculation factor A	0.785
Calculation factor e	0.95
Calculation factor X	0.6
Calculation factor Y_0	0.58
Calculation factor Y_1	0.66



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Calculation factor Y_2	1.07
Mass bearing	16 kg