



Bearing No. QJ 324 N2MA

D	260 mm
d	120 mm
B	55 mm
a	133 mm
h	11.7 mm
b	10.5 mm
Noun	Bearing
Bore	4.724 Inch 120 Millimeter
Width	2.165 Inch 55 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Enclosure	Open
Size (mm)	260x120x55
Snap Ring	No
Inventory	0.0
Width (mm)	55
Weight / LBS	33.518
Flush Ground	No
Mass bearing	16 kg
D ₁	211 mm
Product Group	B00308
r ₀	2 mm
closure type:	Open
d ₁	169 mm
r ₀	2 mm
Inch - Metric	Metric
Contact Angle	35 Degree 4 Point

Cage Material	Brass
cage material:	Brass Cage
overall width:	55 mm
Keyword String	Angular Contact
Other Features	Split Inner Race
Bearing number	QJ 324 N2MA
Limiting speed	4500 r/min
Reference speed	3200 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 3 ISO P6
Outside Diameter	10.236 Inch 260 Millimeter
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
inside diameter:	120 mm
Manufacturer URL	http://www.skf.com
precision rating:	ABEC1
outside diameter:	260 mm
Weight / Kilogram	15.22
Manufacturer Name	SKF
d _a min.	134 mm
Bore Diameter (mm)	260
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
D _a max.	246 mm
r _a max.	2.5 mm
Outer Diameter (mm)	120
internal clearance:	C0
r _{1,2} min.	3 mm

Calculation factor X	0.6
r_a - max.	2.5 mm
D_a - max.	246 mm
Calculation factor e	0.95
Minimum Buy Quantity	N/A
Calculation factor A	0.785
d_a - min.	134 mm
D_1 ?	211 mm
d_1 ?	169 mm
Calculation factor - e	0.95
$r_{1,2}$ - min.	3 mm
Calculation factor - X	0.6
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	QJ 324 N2MA
Basic dynamic load rating C	415 kN
Basic dynamic load rating - C	415 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_0	0.58
Calculation factor Y_1	0.66
Calculation factor Y_2	1.07
Fatigue load limit P_u	16.3 kN
Calculation factor - k_a	1.1
Calculation factor - Y_0	0.58
Fatigue load limit - P_u	16.3 kN
Calculation factor - Y_1	0.66
Calculation factor - Y_2	1.07
Basic static load rating C_0	530 kN

Basic static load rating - C_0	530 kN
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