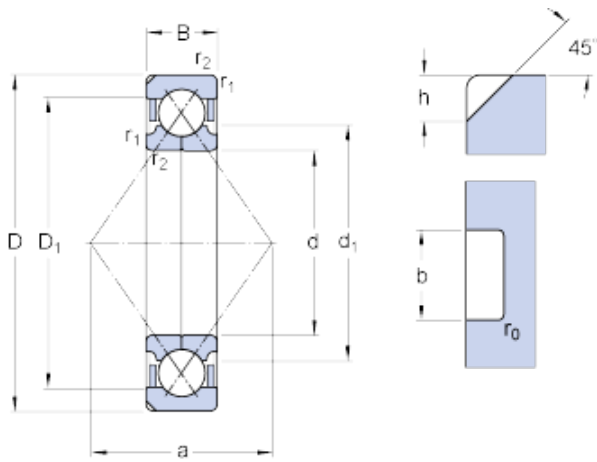




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70 mm x 125 mm x 24 mm skf QJ 214 N2MA
four-point contact ball bearings

Bearing No. QJ 214 N2MA

QJ 214 N2MA Bearing 2D drawings and 3D CAD models

Size	125x70x24 mm
Bore Diameter	125 mm
Outer Diameter	70 mm
Width	24 mm
d	70 mm
D	125 mm
B	24 mm
d ₁	83.5 mm
D ₁	106 mm
a	68 mm
h	6.5 mm
b	6.5 mm
r ₀	0.5 mm
r _{1,2} - min.	1.5 mm
d _a - min.	79 mm
D _a - max.	116 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	120 kN
Basic static load rating - C ₀	122 kN
Fatigue load limit - P _u	5.2 kN
Reference speed	6300 r/min
Limiting speed	9000 r/min
Calculation factor - k _a	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	1.371
EAN	7316571845869
Product Group	B00308
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
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	70MM Bore; 125MM Outside Diameter; 24MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 35 Degree 4 Point; 1 (
Other Features	Split Inner Race Outer



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	Ring Centred Two Locating Slots
Category	Angular Contact Ball Bearing
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 214 N2MA
Weight / LBS	2.86601
Outside Diameter	4.921 Inch 125 Millimeter
Bore	2.756 Inch 70 Millimeter
Width	0.945 Inch 24 Millimeter
inside diameter:	70 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	125 mm
cage material:	Brass
overall width:	24 mm
maximum rpm:	9000 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	24 mm
radial dynamic load capacity:	120 kN
fillet radius:	1.5 mm
radial static load capacity:	122 kN
series:	QJ
d_1	83.5 mm
D_1	106 mm
r_0	0.5 mm



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$r_{1,2}$ min.	1.5 mm
d_a min.	79 mm
D_a max.	116 mm
r_a max.	1.5 mm
Basic dynamic load rating C	120 kN
Basic static load rating C_0	122 kN
Fatigue load limit P_u	5.2 kN
Calculation factor A	0.04
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	1.3 kg