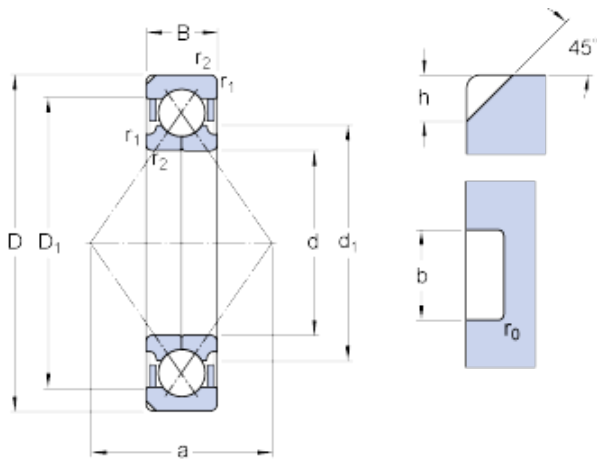




GF BEARING-SINGAPORE LTD.



150 mm x 270 mm x 45 mm skf QJ 230 N2MA
four-point contact ball bearings

Bearing No. QJ 230 N2MA

QJ 230 N2MA Bearing 2D drawings and 3D CAD models

Size	270x150x45 mm
Bore Diameter	270 mm
Outer Diameter	150 mm
Width	45 mm
d	150 mm
D	270 mm
B	45 mm
d ₁	194 mm
D ₁	226 mm
a	147 mm
h	11.7 mm
b	10.5 mm
r ₀	2 mm
r _{1,2} - min.	3 mm
d _a - min.	164 mm
D _a - max.	256 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	400 kN
Basic static load rating - C ₀	570 kN
Fatigue load limit - P _u	16.6 kN
Reference speed	3000 r/min
Limiting speed	4000 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	11.83
EAN	7316577080097
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	150MM Bore; 270MM Outside Diameter; 45MM 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



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	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 230 N2MA
Weight / LBS	26.059
Width	1.772 Inch 45 Millimeter
Outside Diameter	10.63 Inch 270 Millimeter
Bore	5.906 Inch 150 Millimeter
inside diameter:	150 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	270 mm
cage material:	Brass
overall width:	45 mm
maximum rpm:	4000 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	45 mm
radial dynamic load capacity:	400 kN
fillet radius:	2.5 mm
radial static load capacity:	570 kN
series:	QJ
d_1	194 mm
D_1	226 mm
r_0	2 mm
$r_{1,2}$ min.	3 mm
d_a min.	164 mm
D_a max.	256 mm



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r_a max.	2.5 mm
Basic dynamic load rating C	400 kN
Basic static load rating C_0	570 kN
Fatigue load limit P_u	16.6 kN
Calculation factor A	0.793
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	12.5 kg