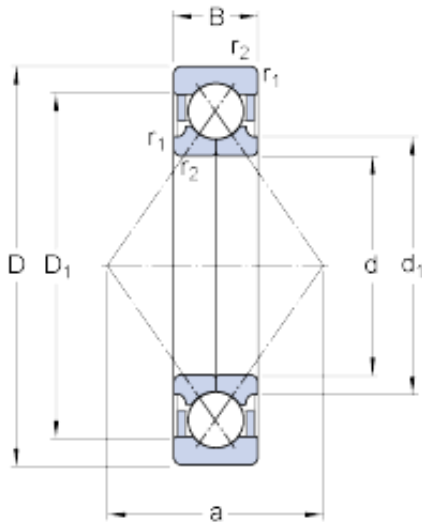




GF BEARING-SINGAPORE LTD.



QJ 312 MA Bearing 2D drawings and 3D CAD models

60 mm x 130 mm x 31 mm skf QJ 312 MA four-point contact ball bearings

Bearing No. QJ 312 MA

Size	130x60x31 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
d ₁	77 mm
D ₁	106 mm
a	67 mm
r _{1,2} - min.	2.1 mm
d _a - min.	72 mm
D _a - max.	118 mm
r _a - max.	2 mm
Basic dynamic load rating - C	156 kN
Basic static load rating - C ₀	137 kN
Fatigue load limit - P _u	5.8 kN
Reference speed	6700 r/min
Limiting speed	9000 r/min
Calculation factor - k _a	1.1
Calculation factor - e	0.95
Calculation factor - X	0.6
Calculation factor - Y ₀	0.58
Calculation factor - Y ₁	0.66



GF BEARING-SINGAPORE LTD.

Calculation factor - Y ₂	1.07
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.137
EAN	7316576632563
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	60MM Bore; 130MM Outside Diameter; 31MM 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
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing



GF BEARING-SINGAPORE LTD.

Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	QJ 312 MA
Weight / LBS	4.718
Bore	2.362 Inch 60 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Width	1.22 Inch 31 Millimeter
inside diameter:	60 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	130 mm
cage material:	Brass
overall width:	31 mm
maximum rpm:	9000 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	31 mm
radial dynamic load capacity:	156 kN
fillet radius:	2 mm
radial static load capacity:	137 kN
series:	QJ
d_1	77 mm
D_1	106 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	72 mm
D_a max.	118 mm
r_a max.	2 mm
Basic dynamic load rating C	156 kN
Basic static load rating C_0	137 kN
Fatigue load limit P_u	5.85 kN
Calculation factor A	0.055



GF BEARING-SINGAPORE LTD.

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	2.15 kg