



GF BEARING-SINGAPORE LTD.

220 mm x 460 mm x 88 mm skf QJ 344
N2/309829 four-point contact ball bearings



Bearing No. QJ 344 N2/309829

QJ 344 N2/309829 Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0
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	220MM Bore; 460MM Outside Diameter; 88MM 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



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Other Features	Split Inner Race With 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
Weight / LBS	170.19666
d	8.661 Inch 220 Millimeter
D	18.11 Inch 460 Millimeter
B	3.465 Inch 88 Millimeter
d	220 mm
D	460 mm
B	88 mm
d ₁	308 mm
D ₁	372 mm
a	238 mm
h	12.5 mm
b	15 mm
r ₀	2.5 mm
r _{1,2} min.	5 mm
d _a min.	242 mm
D _a max.	438 mm
r _a max.	4 mm
Basic dynamic load rating C	904 kN
Basic static load rating C ₀	1660 kN
Fatigue load limit P _u	38 kN
Limiting speed	2400 r/min
Calculation factor A	8.45
Calculation factor e	0.95
Calculation factor X	0.6



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Calculation factor Y_0	0.58
Calculation factor Y_1	0.66
Calculation factor Y_2	1.07
Mass bearing	77.2 kg