



# GARLOCK BEARINGS LTD



## 65 mm x 140 mm x 33 mm SKF QJ 313 MA Angular Contact Ball Bearings

Bearing No. QJ 313 MA

QJ 313 MA Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.65
EAN	7316576632570
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	65MM Bore; 140MM Outside Diameter; 33MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring



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Other Features	Split Inner Race
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	QJ 313 MA
Weight / LBS	5.833
D	5.512 Inch   140 Millimeter
B	1.299 Inch   33 Millimeter
d	2.559 Inch   65 Millimeter
inside diameter:	65 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	140 mm
cage material:	Brass
overall width:	33 mm
maximum rpm:	8500 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	33 mm
radial dynamic load capacity:	176 kN
fillet radius:	2 mm
radial static load capacity:	156 kN
series:	QJ
d	65 mm
D	140 mm
B	33 mm
d <sub>1</sub>	82.5 mm



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$D_1$	115 mm
a	72 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	77 mm
$D_a$ max.	128 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	176 kN
Basic static load rating $C_0$	156 kN
Fatigue load limit $P_u$	6.55 kN
Limiting speed	8500 r/min
Calculation factor A	0.0731
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	2.7 kg