



GARLOCK BEARINGS LTD



75 mm x 160 mm x 37 mm SKF 7315 BECBJ Angular Contact Ball Bearings

Bearing No. 7315 BECBJ

7315 BECBJ Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	3.263
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
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	Steel
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	75MM Bore; 160MM Outside Diameter; 37MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CB; Steel Cage; 40



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	Degree; 1 (Single); Univers
Other Features	Normal Axial Internal Clearance
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
D	6.299 Inch 160 Millimeter
B	1.457 Inch 37 Millimeter
d	2.953 Inch 75 Millimeter
bore diameter:	75 mm
maximum temperature:	257 ° F
outside diameter:	160 mm
cage material:	Steel
overall width:	37 mm
maximum rpm:	5300 rpm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	2.1 mm
bore type:	Round
series:	7300
closure type:	Open
weight:	7.05 lbs
bearing material:	Steel
manufacturer product page:	Click here
radial dynamic load capacity:	132 kN
manufacturer upc number:	7316571026770
radial static load capacity:	104 kN



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d	75 mm
D	160 mm
B	37 mm
d ₁	108.25 mm
d ₂	91.13 mm
D ₁	128.9 mm
a	68 mm
r _{1,2} min.	2.1 mm
r _{3,4} min.	1.1 mm
d _a min.	87 mm
D _a max.	148 mm
D _b max.	153 mm
r _a max.	2 mm
r _b max.	1 mm
Basic dynamic load rating C	132 kN
Basic static load rating C ₀	104 kN
Fatigue load limit P _u	4.15 kN
Reference speed	5300 r/min
Limiting speed	5300 r/min
Calculation factor A	0.171
Calculation factor k _r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y ₀	0.26
Calculation factor Y ₂	0.57
Calculation factor X	0.57
Calculation factor Y ₀	0.52
Calculation factor Y ₁	0.55
Calculation factor Y ₂	0.93
Mass bearing	3.2 kg