



# GARLOCK BEARINGS LTD



## 35 mm x 72 mm x 17 mm SKF 7207 BECBP Angular Contact Ball Bearings

Bearing No. 7207 BECBP

7207 BECBP Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.27
EAN	7316576632822
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
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	Polymer
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	35MM Bore; 72MM Outside Diameter; 17MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap



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	Ring
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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	7207 BECBP
Weight / LBS	0.599
d	1.378 Inch   35 Millimeter
B	0.669 Inch   17 Millimeter
D	2.835 Inch   72 Millimeter
bore diameter:	35 mm
radial static load capacity:	20.8 kN
outside diameter:	72 mm
cage material:	Nylon
overall width:	17 mm
outer ring width:	17 mm
contact angle:	40 °
maximum rpm:	12000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	1 mm
radial dynamic load capacity:	31 kN
series:	72
d	35 mm



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D	72 mm
B	17 mm
d <sub>1</sub>	49.65 mm
d <sub>2</sub>	41.96 mm
D <sub>1</sub>	58.25 mm
a	31 mm
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	0.6 mm
d <sub>a</sub> min.	42 mm
D <sub>a</sub> max.	65 mm
D <sub>b</sub> max.	67.8 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.6 mm
Basic dynamic load rating C	31 kN
Basic static load rating C <sub>0</sub>	20.8 kN
Fatigue load limit P <sub>u</sub>	0.88 kN
Reference speed	11000 r/min
Limiting speed	12000 r/min
Calculation factor A	0.00674
Calculation factor k <sub>r</sub>	0.095
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y <sub>0</sub>	0.26
Calculation factor Y <sub>2</sub>	0.57
Calculation factor X	0.57
Calculation factor Y <sub>0</sub>	0.52
Calculation factor Y <sub>1</sub>	0.55
Calculation factor Y <sub>2</sub>	0.93
Mass bearing	0.28 kg