GARLOCK BEARINGS LTD

3207 ATN9 Bearing 2D drawings and 3D CAD models

35 mm x 72 mm x 27 mm SKF 3207 ATN9 Angular Contact Ball Bearings

Bearing No. 3207 ATN9

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.46
EAN	7316577051820
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 1 | ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polyamide
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	35MM Bore; 72MM Outside Diameter; 27MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1 | ISO P0; No Filling Slot; No Snap Ring;

	C0-Medium; Polyamide Cage; 30 Degree; 1 (Single)
Other Features	Glass Fibre Reinforced Cage
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
Manufacturer Item Number	3207 ATN9
Weight / LBS	0.992
d	1.378 Inch | 35 Millimeter
D	2.835 Inch | 72 Millimeter
B	1.063 Inch | 27 Millimeter
bore diameter:	35 mm
maximum temperature:	257 ° F
outside diameter:	72 mm
cage material:	Polyamide 66
overall width:	27 mm
maximum rpm:	9000 rpm
contact angle:	30 °
finish/coating:	Uncoated
row type & fill slot:	Double-Row Non-Fill Slot
fillet radius:	1.1 mm
bore type:	Round
series:	3200
closure type:	Open
weight:	0.97 lb
bearing material:	Steel
manufacturer product page:	Click here
radial dynamic load capacity:	40 kN

manufacturer upc number:	7316577051820
radial static load capacity:	28 kN
d	35 mm
D	72 mm
B	27 mm
$d_2 \approx$	45.4 mm
$D_2 \approx$	63.85 mm
$r_{1,2}$ min.	1.1 mm
a	42 mm
d_a min.	42 mm
D_a max.	65 mm
r_a max.	1 mm
Basic dynamic load rating C	40 kN
Basic static load rating C_0	28 kN
Fatigue load limit P_u	1.18 kN
Reference speed	10000 r/min
Limiting speed	9000 r/min
Calculation factor k_r	0.06
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Mass bearing	0.44 kg