



GARLOCK BEARINGS LTD



3207 A-2RS1TN9/MT33 Bearing 2D drawings and 3D CAD models

35 mm x 72 mm x 27 mm SKF 3207 A-2RS1TN9/MT33 Angular Contact Ball Bearings

Bearing No. 3207 A-2RS1TN9/MT33

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.46
EAN	7316571143156
Product Group	B00152
Enclosure	2 Seals
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; 2 Seals; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring;



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	C0-Medium; Polyamide Cage; 30 Degree; 1 (Sing
Other Features	NBR Contact Seal Glass Fibre Reinforced Cage MT33-Lithium Soap Thickener Grease
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 A-2RS1TN9/MT33
Weight / LBS	1.0141
D	2.835 Inch 72 Millimeter
d	1.378 Inch 35 Millimeter
B	1.063 Inch 27 Millimeter
bore diameter:	35 mm
operating temperature range:	-40 to +210 ° F
outside diameter:	72 mm
cage material:	Fiberglass Reinforced Nylon
overall width:	27 mm
outer ring width:	27 mm
contact angle:	30 °
maximum rpm:	6300 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Double Seal
fillet radius:	1 mm
radial dynamic load	40 kN



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capacity:	
series:	32
radial static load capacity:	28 kN
d	35 mm
D	72 mm
B	27 mm
d ₂	45.4 mm
D ₂	63.85 mm
r _{1,2} min.	1.1 mm
a	42 mm
d _a min.	42 mm
d _a max.	45 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
Limiting speed	6300 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