



GARLOCK BEARINGS LTD



20 mm x 52 mm x 22.2 mm SKF 3304
A-2RS1TN9/MT33 Angular Contact Ball Bearings

Bearing No. 3304 A-2RS1TN9/MT33

3304 A-2RS1TN9/MT33 Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.229
EAN	7316570786248
Product Group	B04270
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	20MM Bore; 52MM Outside Diameter; 22.2MM 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 (Si
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	3304 A-2RS1TN9/MT33
Weight / LBS	0.5048
B	0.874 Inch 22.2 Millimeter
d	0.787 Inch 20 Millimeter
D	2.047 Inch 52 Millimeter
bore diameter:	20 mm
operating temperature range:	-40 to +210 ° F
outside diameter:	52 mm
cage material:	Fiberglass Reinforced Nylon
overall width:	0.8750 in
outer ring width:	22.2 mm
contact angle:	30 °
maximum rpm:	9000 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	23.6 kN



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capacity:	
series:	33
radial static load capacity:	14.6 kN
d	20 mm
D	52 mm
B	22.2 mm
d ₂	29.9 mm
D ₂	43.95 mm
r _{1,2} min.	1.1 mm
a	30 mm
d _a min.	27 mm
d _a max.	29.5 mm
D _a max.	45 mm
r _a max.	1 mm
Basic dynamic load rating C	24.5 kN
Basic static load rating C ₀	15.6 kN
Fatigue load limit P _u	0.67 kN
Reference speed	13000 r/min
Limiting speed	9000 r/min
Calculation factor k _r	0.07
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	0.22 kg