



NTK BEARING PRECISION AXLE CORP.



3305 A-2RS1TN9/MT33 Bearing 2D drawings and 3D CAD models

25 mm x 62 mm x 25.4 mm SKF 3305
A-2RS1TN9/MT33 Angular Contact Ball Bearings

Bearing No. 3305 A-2RS1TN9/MT33

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.36
EAN	7316570135152
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	25MM Bore; 62MM Outside Diameter; 25.4MM 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
Weight / LBS	0.7936
D	2.441 Inch 62 Millimeter
d	0.984 Inch 25 Millimeter
B	1 Inch 25.4 Millimeter
bore diameter:	25 mm
operating temperature range:	-40 to +210 ° F
outside diameter:	62 mm
cage material:	Fiberglass Reinforced Nylon
overall width:	1.0000 in
outer ring width:	25.4 mm
contact angle:	30 °
maximum rpm:	7500 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 capacity:	32 kN



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series:	33
radial static load capacity:	20-2/5 kN
d	25 mm
D	62 mm
B	25.4 mm
d ₂	35.7 mm
D ₂	53.4 mm
r _{1,2} min.	1.1 mm
a	36 mm
d _a min.	32 mm
d _a max.	35.5 mm
D _a max.	55 mm
r _a max.	1 mm
Basic dynamic load rating C	32 kN
Basic static load rating C ₀	20.4 kN
Fatigue load limit P _u	0.865 kN
Limiting speed	7500 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	0.35 kg