



Bearing No. 3305 A-2ZTN9/MT33

D	62 mm
d	25 mm
B	25.4 mm
a	36 mm
Bore	0.984 Inch   25 Millimeter
Noun	Bearing
Width	1 Inch   25.4 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	2 Metal Shields
Size (mm)	62x25x25.4
Width (mm)	25,4
Flush Ground	No
Mass bearing	0.35 kg
Weight / LBS	0.7958
Inch - Metric	Metric
Contact Angle	30 Degree
Cage Material	Polyamide
D <sub>2</sub>	53.4 mm
d <sub>2</sub>	35.7 mm
Product Group	B00152
Other Features	Glass Fibre Reinforced Cage   MT33-Lithium Soap Thickener Grease
Keyword String	Angular Contact
Bearing number	3305 A-2ZTN9/MT33
Limiting speed	11000 r/min

Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Reference speed	11000 r/min
Long Description	25MM Bore; 62MM Outside Diameter; 25.4MM Width; 2 Metal Shields; 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
Outside Diameter	2.441 Inch   62 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / Kilogram	0.361
Manufacturer Name	SKF
D <sub>a</sub> max.	55 mm
d <sub>a</sub> max.	35.5 mm
r <sub>a</sub> max.	1 mm
Bore Diameter (mm)	62
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
d <sub>a</sub> min.	32 mm
Outer Diameter (mm)	25
d <sub>a</sub> - max.	35.5 mm
r <sub>1,2</sub> min.	1.1 mm
Calculation factor e	0.8
Calculation factor X	0.63
d <sub>a</sub> - min.	32 mm
r <sub>a</sub> - max.	1 mm
D <sub>a</sub> - max.	55 mm
Minimum Buy Quantity	N/A
	53.4 mm

D<sup>2</sup> ?

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d <sub>2</sub> ?	35.7 mm
Calculation factor - X	0.63
Calculation factor - e	0.8
Harmonized Tariff Code	8482.10.50.28
r <sub>1,2</sub> - min.	1.1 mm
Number of Rows of Balls	Double Row
Manufacturer Item Number	3305 A-2ZTN9/MT33
Basic dynamic load rating C	32 kN
Basic dynamic load rating - C	32 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y <sub>0</sub>	0.66
Calculation factor Y <sub>1</sub>	0.78
Calculation factor Y <sub>2</sub>	1.24
Fatigue load limit P <sub>u</sub>	0.865 kN
Calculation factor k <sub>r</sub>	0.07
Calculation factor - Y <sub>0</sub>	0.66
Calculation factor - k <sub>r</sub>	0.07
Fatigue load limit - P <sub>u</sub>	0.865 kN
Calculation factor - Y <sub>1</sub>	0.78
Calculation factor - Y <sub>2</sub>	1.24
Basic static load rating C <sub>0</sub>	20.4 kN
Basic static load rating - C <sub>0</sub>	20.4 kN