



NTN BEARING USA CORP.



3305 A Bearing 2D drawings and 3D CAD models

25 mm x 62 mm x 25.4 mm skf 3305 A Double row angular contact ball bearings

Bearing No. 3305 A

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.361
EAN	7316571483627
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
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; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring



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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	5305 A
Weight / LBS	0.776
D	2.441 Inch 62 Millimeter
B	1 Inch 25.4 Millimeter
d	0.984 Inch 25 Millimeter
bore diameter:	25 mm
radial static load capacity:	20.4 kN
outside diameter:	62 mm
cage material:	Metal
overall width:	1.0000 in
outer ring width:	25.4 mm
contact angle:	30 °
maximum rpm:	11000 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	1 mm
radial dynamic load capacity:	32 kN
series:	33
d	25 mm
D	62 mm
B	25.4 mm
d ₂	35.7 mm



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D_2	53.4 mm
$r_{1,2}$ min.	1.1 mm
a	36 mm
d_a min.	32 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
Reference speed	12000 r/min
Limiting speed	11000 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