



GARLOCK BEARINGS LTD



3306 A Bearing 2D drawings and 3D CAD models

30 mm x 72 mm x 30.2 mm SKF 3306 A Angular Contact Ball Bearings

Bearing No. 3306 A

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.561
EAN	7316571185507
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	30MM Bore; 72MM Outside Diameter; 30.2MM 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	5306 A
Weight / LBS	1.184
d	1.181 Inch 30 Millimeter
B	1.189 Inch 30.2 Millimeter
D	2.835 Inch 72 Millimeter
bore diameter:	30 mm
radial static load capacity:	27-1/2 kN
outside diameter:	72 mm
cage material:	Metal
overall width:	1.1875 in
outer ring width:	30.2 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:	Open
fillet radius:	1 mm
radial dynamic load capacity:	41.5 kN
series:	33
d	30 mm
D	72 mm
B	30.2 mm
d ₂	39.8 mm



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D_2	64.1 mm
$r_{1,2}$ min.	1.1 mm
a	42 mm
d_a min.	37 mm
D_a max.	65 mm
r_a max.	1 mm
Basic dynamic load rating C	42.5 kN
Basic static load rating C_0	30 kN
Fatigue load limit P_u	1.27 kN
Reference speed	10000 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	0.52 kg