



# COOPER BEARING LIMITED



## 30 mm x 72 mm x 30.2 mm SKF 3306 ATN9 Angular Contact Ball Bearings

Bearing No. 3306 ATN9

3306 ATN9 Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.53
EAN	7316577069412
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	Polymer
Contact Angle	32 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	3306 ATN9
Weight / LBS	1.177
d	1.181 Inch   30 Millimeter
D	2.835 Inch   72 Millimeter
B	1.189 Inch   30.2 Millimeter
bore diameter:	30 mm
radial static load capacity:	27-1/2 kN
outside diameter:	72 mm
cage material:	Polyamide
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 <sub>2</sub>	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