



BROWNING BEARING COMPANY



3206 atn9 Bearing 2D drawings and 3D CAD models

30 mm x 62 mm x 23.8 mm skf 3206 atn9 bearing

Bearing No. 3206 atn9

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.298
EAN	7316577039446
Product Group	B00152
Enclosure	Open
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	30MM Bore; 62MM Outside Diameter; 23.8MM Width; Open; 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 (Singl
Other Features	Glass Fibre Reinforced Cage
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	3206 ATN9
Weight / LBS	0.6353
B	0.937 Inch 23.8 Millimeter
d	1.181 Inch 30 Millimeter
D	2.441 Inch 62 Millimeter
bore diameter:	30 mm
radial static load capacity:	20-2/5 kN
outside diameter:	62 mm
cage material:	Polyamide
overall width:	0.9375 in
outer ring width:	23.8 mm
contact angle:	25 °
maximum rpm:	10000 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:	30 kN
series:	32
d	30 mm



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D	62 mm
B	23.8 mm
d ₂	38.7 mm
D ₂	55.15 mm
r _{1,2} min.	1 mm
a	36 mm
d _a min.	36 mm
D _a max.	56 mm
r _a max.	1 mm
Basic dynamic load rating C	30 kN
Basic static load rating C ₀	20.4 kN
Fatigue load limit P _u	0.865 kN
Reference speed	11000 r/min
Limiting speed	10000 r/min
Calculation factor k _r	0.06
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	0.29 kg