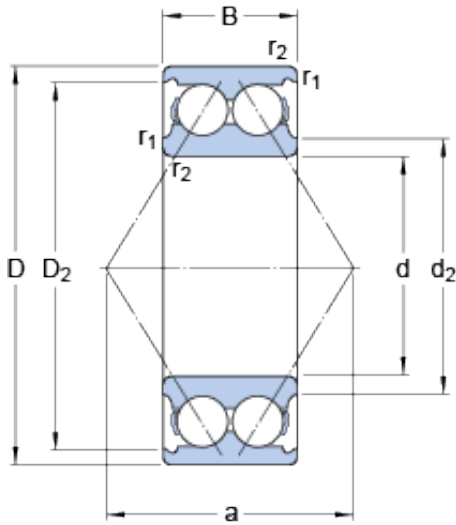




NTNY BEARING LTD



3201 atn9 Bearing 2D drawings and 3D CAD models

12 mm x 32 mm x 15.9 mm skf 3201 atn9 bearing

Bearing No. 3201 atn9

Size	32x12x15.9 mm
Bore Diameter	32 mm
Outer Diameter	12 mm
Width	15,9 mm
d	12 mm
D	32 mm
B	15.9 mm
d ₂	17.2 mm
D ₂	27.7 mm
r _{1,2} - min.	0.6 mm
a	19 mm
d _a - min.	16.4 mm
D _a - max.	27.6 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	10.1 kN
Basic static load rating - C ₀	5.6 kN
Fatigue load limit - P _u	0.24 kN
Reference speed	20000 r/min
Limiting speed	22000 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



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Calculation factor - Y ₂	1.24
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.063
EAN	7316577039637
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	12MM Bore; 32MM Outside Diameter; 15.9MM Width; Open; 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; 1 (Singl
Other Features	Glass Fibre Reinforced Cage
Category	Angular Contact Ball Bearing
UNSPSC	31171531



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Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	3201 ATN9
Weight / LBS	0.1391
Width	0.626 Inch 15.9 Millimeter
Bore	0.472 Inch 12 Millimeter
Outside Diameter	1.26 Inch 32 Millimeter
bore diameter:	12 mm
radial static load capacity:	5.6 kN
outside diameter:	32 mm
cage material:	Polyamide
overall width:	0.6250 in
outer ring width:	15.9 mm
contact angle:	30 °
maximum rpm:	22000 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:	0.6 mm
radial dynamic load capacity:	10.1 kN
series:	32
d ₂	17.2 mm
D ₂	27.7 mm
r _{1,2} min.	0.6 mm
d _a min.	16.4 mm
D _a max.	27.6 mm
r _a max.	0.6 mm
Basic dynamic load rating C	10.1 kN



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Basic static load rating C_0	5.6 kN
Fatigue load limit P_u	0.24 kN
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	0.058 kg