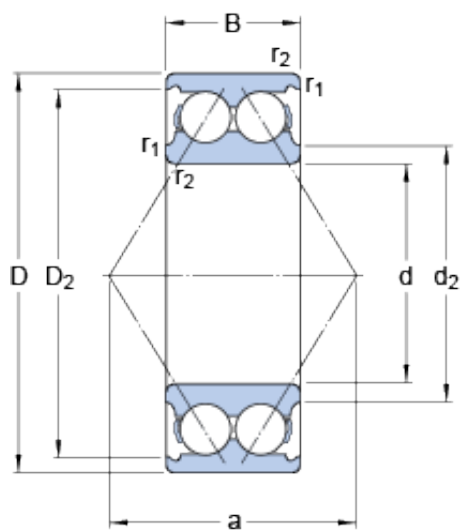




Bearing No. 3200 ATN9

a	16 mm
d	10 mm
D	30 mm
B	14 mm
Noun	Bearing
Bore	0.394 Inch 10 Millimeter
Width	0.563 Inch 14.3 Millimeter
UNSPSC	31171531
series:	32
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Size (mm)	30x10x14
Inventory	4.0
Width (mm)	14
Weight / LBS	0.109
maximum rpm:	24000 RPM
Flush Ground	No
Mass bearing	0.051 kg
Contact Angle	24 Degree
Cage Material	Polymer
closure type:	Open
Product Group	B00152
Inch - Metric	Metric
d ₂	15.8 mm
D ₂	24.95 mm
Bearing number	3200 ATN9
Keyword String	Angular Contact

fillet radius:	0.6 mm
contact angle:	30 °
overall width:	14 mm
cage material:	Polyamide
bore diameter:	10 mm
Limiting speed	24000 r/min
Precision Class	ABEC 3 ISO P6
finish/coating:	Uncoated
Reference speed	22000 r/min
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	1.181 Inch 30 Millimeter
Long Description	10MM Bore; 30MM Outside Diameter; 14.3MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.056
outside diameter:	30 mm
outer ring width:	14 mm
Number of Bearings	1 (Single)
r _a max.	0.6 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	30
d _a min.	14.4 mm
D _a max.	25.6 mm
internal clearance:	C0
Outer Diameter (mm)	10

d_a - min.	14.4 mm
Calculation factor e	0.8
r_a - max.	0.6 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	0.6 mm
Calculation factor X	0.63
D_a - max.	25.6 mm
D_2 ?	24.95 mm
row type & fill slot:	Double-Row Non-Fill Slot
d_2 ?	15.8 mm
Calculation factor - e	0.8
$r_{1,2}$ - min.	0.6 mm
Calculation factor - X	0.63
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
Manufacturer Item Number	5200 ATN9
Basic dynamic load rating C	7.61 kN
radial static load capacity:	4.3 kN
radial dynamic load capacity:	7.61 kN
Basic dynamic load rating - C	7.6 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_2	1.24
Calculation factor Y_1	0.78
Calculation factor Y_0	0.66
Fatigue load limit P_u	0.183 kN
Calculation factor k_r	0.06
Calculation factor - k_r	0.06

Calculation factor - Y_1	0.78
Calculation factor - Y_0	0.66
Calculation factor - Y_2	1.24
Fatigue load limit - P_u	0.183 kN
Basic static load rating C_0	4.3 kN
Basic static load rating - C_0	4.3 kN