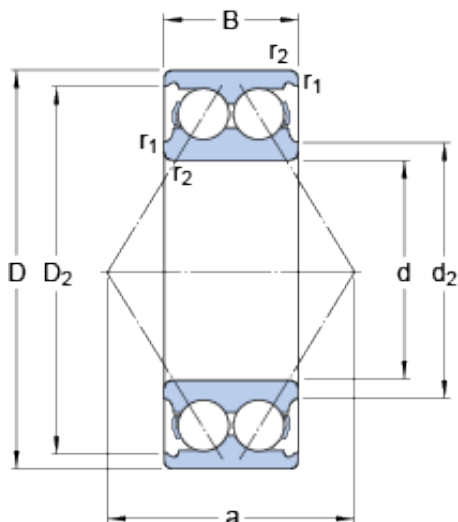




# SKF BEARING LTD



3311 ATN9 Bearing 2D drawings and 3D CAD models

## 55 mm x 120 mm x 49.2 mm SKF 3311 ATN9 angular contact ball bearings

Bearing No. 3311 ATN9

Size	120x55x49.2 mm
Bore Diameter	120 mm
Outer Diameter	55 mm
Width	49,2 mm
d	55 mm
D	120 mm
B	49.2 mm
d <sub>2</sub>	68.4 mm
D <sub>2</sub>	109.4 mm
r <sub>1,2</sub> - min.	2 mm
a	72 mm
d <sub>a</sub> - min.	66 mm
D <sub>a</sub> - max.	109 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	112 kN
Basic static load rating - C <sub>0</sub>	81.5 kN
Fatigue load limit - P <sub>u</sub>	3.4 kN
Reference speed	5300 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	0.07
Calculation factor - e	0.8
Calculation factor - X	0.63
Calculation factor - Y <sub>0</sub>	0.66
Calculation factor - Y <sub>1</sub>	0.78



## SKF BEARING LTD

Calculation factor - $Y_2$	1.24
$d_2$	68.4 mm
$D_2$	109.4 mm
$r_{1,2}$ min.	2 mm
$d_a$ min.	66 mm
$D_a$ max.	109 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	112 kN
Basic static load rating $C_0$	81.5 kN
Fatigue load limit $P_u$	3.45 kN
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	2.65 kg