



**55 mm x 72 mm x 9 mm NACHI 6811ZNR  
deep groove ball bearings**

Bearing No. 6811ZNR

6811ZNR Bearing 2D drawings and 3D CAD models

Size	55x72x9 mm
Bore Diameter	55 mm
Outer Diameter	72 mm
Width	9 mm
d	55 mm
D	72 mm
B	9 mm
C	9 mm
a	1.7 mm
b	0.95 mm
f	0.85 mm
r min.	0.3 mm
r1 min.	0.3 mm
D1	70.7 mm
D2	74.8 mm
Weight	0.085 Kg
Basic dynamic load rating (C)	8,8 kN
Basic static load rating (C0)	8,1 kN
(Grease) Lubrication Speed	8500 r/min
Enclosure	Single Shield with Snap Ring
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	55 mm
Outside Diameter	72 mm
Width	9 mm



## TRAB BEARINGS PRODUCTION EXPORT CO., LTD

Fillet Radius/Chamfer	0.3 mm
r1	0.3 mm
Snap Ring Width	0.9 mm
Snap Ring Outside Diameter	74.8 mm
D1 (max)	70.7 mm
a (max)	1.7 mm
b (min)	1 mm
Dynamic Load Rating	8,800 N
Static Load Rating	8,100 N
Limiting Speed - Grease	8,700 rpm
Limiting Speed - Oil	10,000 rpm
Factor fo	16.2
Radial Clearance	0.008 to 0.028 mm
da (min)	57 mm
Da (max)	70 mm
Dx (min)	76 mm
ra (max)	0.3 mm
Cy (max)	2.3 mm