



**Bearing No. 6811N**

D	72 mm
d	55 mm
B	9 mm
C	9 mm
a	1.7 mm
b	0.95 mm
r1	0.3 mm
D1	70.7 mm
Width	9 mm
Weight	0.085 Kg
r min.	0.3 mm
r1 min.	0.3 mm
a (max)	1.7 mm
da (min)	57 mm
Cy (max)	2.3 mm
Da (max)	70 mm
Dx (min)	76 mm
ra (max)	0.3 mm
Factor fo	16.2
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	55x72x9
Bore Size	55 mm
Width (mm)	9
Groove Width	1 mm
Configuration	Single Row
Bearing number	6811N
Groove Diameter	70.7 mm
Outside Diameter	72 mm
Radial Clearance	0.008 to 0.028 mm

Static Load Rating	8,100 N
Bore Diameter (mm)	55
Dynamic Load Rating	8,800 N
Outer Diameter (mm)	72
Limiting Speed - Oil	10,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	8,700 rpm
(Grease) Lubrication Speed	8500 r/min
Basic static load rating (C0)	8,1 kN
Basic dynamic load rating (C)	8,8 kN