



**Bearing No. 6809N**

D	58 mm
d	45 mm
B	7 mm
C	7 mm
a	1.3 mm
b	0.95 mm
r1	0.3 mm
D1	56.7 mm
Width	7 mm
Weight	0.042 Kg
r min.	0.3 mm
r1 min.	0.3 mm
a (max)	1.3 mm
da (min)	47 mm
Cy (max)	1.8 mm
Da (max)	56 mm
Dx (min)	61.5 mm
ra (max)	0.3 mm
Factor fo	16.1
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	45x58x7
Bore Size	45 mm
Width (mm)	7
Groove Width	1 mm
Configuration	Single Row
Bearing number	6809N
Groove Diameter	56.7 mm
Outside Diameter	58 mm
Radial Clearance	0.006 to 0.023 mm

Static Load Rating	4,900 N
Bore Diameter (mm)	45
Dynamic Load Rating	5,350 N
Outer Diameter (mm)	58
Limiting Speed - Oil	13,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	11,000 rpm
(Grease) Lubrication Speed	11000 r/min
Basic static load rating (C0)	4,9 kN
Basic dynamic load rating (C)	5,35 kN