



**Bearing No. 6808N**

D	52 mm
d	40 mm
B	7 mm
C	7 mm
a	1.3 mm
b	0.95 mm
r1	0.3 mm
D1	50.7 mm
Width	7 mm
Weight	0.034 Kg
r min.	0.3 mm
r1 min.	0.3 mm
a (max)	1.3 mm
da (min)	42 mm
Cy (max)	1.8 mm
Da (max)	50 mm
Dx (min)	55.5 mm
ra (max)	0.3 mm
Factor fo	16.2
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	40x52x7
Bore Size	40 mm
Width (mm)	7
Groove Width	1 mm
Configuration	Single Row
Bearing number	6808N
Groove Diameter	50.7 mm
Outside Diameter	52 mm
Radial Clearance	0.006 to 0.020 mm

Static Load Rating	4,900 N
Bore Diameter (mm)	40
Dynamic Load Rating	5,950 N
Outer Diameter (mm)	52
Limiting Speed - Oil	14,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	12,000 rpm
(Grease) Lubrication Speed	12000 r/min
Basic static load rating (C0)	4,9 kN
Basic dynamic load rating (C)	5,95 kN