



Bearing No. 6809NR

f	0.85 mm
a	1.3 mm
b	0.95 mm
d	45 mm
D	58 mm
B	7 mm
C	7 mm
D2	60.8 mm
D1	56.7 mm
r1	0.3 mm
Width	7 mm
r min.	0.3 mm
Weight	0.042 Kg
r1 min.	0.3 mm
b (min)	1 mm
a (max)	1.3 mm
Da (max)	56 mm
Dx (min)	61.5 mm
ra (max)	0.3 mm
da (min)	47 mm
D1 (max)	56.7 mm
Cy (max)	1.8 mm
Factor fo	16.1
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	45 mm
Size (mm)	45x58x7
Bore Type	Cylindrical Bore
Width (mm)	7
Configuration	Single Row

Bearing number	6809NR
Snap Ring Width	0.9 mm
Radial Clearance	0.006 to 0.023 mm
Outside Diameter	58 mm
Static Load Rating	4,900 N
Bore Diameter (mm)	45
Outer Diameter (mm)	58
Dynamic Load Rating	5,350 N
Limiting Speed - Oil	13,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	11,000 rpm
(Grease) Lubrication Speed	11000 r/min
Snap Ring Outside Diameter	60.8 mm
Basic static load rating (C0)	4,9 kN
Basic dynamic load rating (C)	5,35 kN