



**Bearing No. 6909NR**

f	0.85 mm
a	1.7 mm
b	0.95 mm
d	45 mm
D	68 mm
B	12 mm
C	12 mm
D2	70.8 mm
D1	66.7 mm
r1	0.5 mm
Width	12 mm
r min.	0.6 mm
Weight	0.124 Kg
r1 min.	0.5 mm
b (min)	1 mm
a (max)	1.7 mm
Da (max)	64 mm
Dx (min)	72 mm
ra (max)	0.6 mm
da (min)	49 mm
D1 (max)	66.7 mm
Cy (max)	2.3 mm
Factor fo	16.1
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	45 mm
Size (mm)	45x68x12
Bore Type	Cylindrical Bore
Width (mm)	12
Configuration	Single Row

Bearing number	6909NR
Snap Ring Width	0.9 mm
Radial Clearance	0.006 to 0.023 mm
Outside Diameter	68 mm
Static Load Rating	10,900 N
Bore Diameter (mm)	45
Outer Diameter (mm)	68
Dynamic Load Rating	14,100 N
Limiting Speed - Oil	12,000 rpm
Fillet Radius/Chamfer	0.6 mm
Limiting Speed - Grease	10,000 rpm
(Grease) Lubrication Speed	10000 r/min
Snap Ring Outside Diameter	70.8 mm
Basic static load rating (C0)	10,9 kN
Basic dynamic load rating (C)	14,1 kN