



Bearing No. 6909ZENR

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

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