



Bearing No. 6909N

D	68 mm
d	45 mm
B	12 mm
C	12 mm
a	1.7 mm
b	0.95 mm
r1	0.5 mm
D1	66.7 mm
Width	12 mm
Weight	0.124 Kg
r min.	0.6 mm
r1 min.	0.5 mm
a (max)	1.7 mm
da (min)	49 mm
Cy (max)	2.3 mm
Da (max)	64 mm
Dx (min)	72 mm
ra (max)	0.6 mm
Factor fo	16.1
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	45x68x12
Bore Size	45 mm
Width (mm)	12
Groove Width	1 mm
Configuration	Single Row
Bearing number	6909N
Groove Diameter	66.7 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
(Grease) Lubrication Speed	10000 r/min
Basic static load rating (C0)	10,9 kN
Basic dynamic load rating (C)	14,1 kN