



**Bearing No. 6906NR**

f	0.85 mm
a	1.7 mm
b	0.95 mm
d	30 mm
D	47 mm
B	9 mm
C	9 mm
D2	49.8 mm
D1	45.7 mm
r1	0.3 mm
Width	9 mm
r min.	0.3 mm
Weight	0.047 Kg
r1 min.	0.3 mm
b (min)	1 mm
a (max)	1.7 mm
Da (max)	45 mm
Dx (min)	50.5 mm
ra (max)	0.3 mm
da (min)	32 mm
D1 (max)	45.7 mm
Cy (max)	2.3 mm
Factor fo	15.8
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	30 mm
Size (mm)	30x47x9
Bore Type	Cylindrical Bore
Width (mm)	9
Configuration	Single Row

Bearing number	6906NR
Snap Ring Width	0.9 mm
Radial Clearance	0.005 to 0.020 mm
Outside Diameter	47 mm
Static Load Rating	5,000 N
Bore Diameter (mm)	30
Outer Diameter (mm)	47
Dynamic Load Rating	7,250 N
Limiting Speed - Oil	17,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	14,000 rpm
(Grease) Lubrication Speed	14000 r/min
Snap Ring Outside Diameter	49.8 mm
Basic static load rating (C0)	5 kN
Basic dynamic load rating (C)	7,25 kN