



**Bearing No. 6900NR**

f	0.7 mm
a	1.05 mm
b	0.8 mm
d	10 mm
D	22 mm
B	6 mm
C	6 mm
D2	24.8 mm
D1	20.8 mm
r1	0.3 mm
Width	6 mm
r min.	0.3 mm
Weight	0.010 Kg
r1 min.	0.3 mm
b (min)	0.8 mm
a (max)	1.1 mm
Da (max)	20 mm
Dx (min)	25.5 mm
ra (max)	0.3 mm
da (min)	12 mm
D1 (max)	20.8 mm
Cy (max)	1.5 mm
Factor fo	14.0
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	10 mm
Size (mm)	10x22x6
Bore Type	Cylindrical Bore
Width (mm)	6
Configuration	Single Row

Bearing number	6900NR
Snap Ring Width	0.7 mm
Radial Clearance	0.002 to 0.013 mm
Outside Diameter	22 mm
Static Load Rating	1,130 N
Bore Diameter (mm)	10
Outer Diameter (mm)	22
Dynamic Load Rating	2,490 N
Limiting Speed - Oil	38,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	33,000 rpm
(Grease) Lubrication Speed	33000 r/min
Snap Ring Outside Diameter	24.8 mm
Basic static load rating (C0)	1,13 kN
Basic dynamic load rating (C)	2,49 kN