



**Bearing No. 6810NR**

f	0.85 mm
a	1.3 mm
b	0.95 mm
d	50 mm
D	65 mm
B	7 mm
C	7 mm
D2	67.8 mm
D1	63.7 mm
r1	0.3 mm
Width	7 mm
r min.	0.3 mm
Weight	0.054 Kg
r1 min.	0.3 mm
b (min)	1 mm
a (max)	1.3 mm
Da (max)	63 mm
Dx (min)	68.5 mm
ra (max)	0.3 mm
da (min)	52 mm
D1 (max)	63.7 mm
Cy (max)	1.8 mm
Factor fo	16.1
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	50 mm
Size (mm)	50x65x7
Bore Type	Cylindrical Bore
Width (mm)	7
Configuration	Single Row

Bearing number	6810NR
Snap Ring Width	0.9 mm
Radial Clearance	0.006 to 0.023 mm
Outside Diameter	65 mm
Static Load Rating	5,800 N
Bore Diameter (mm)	50
Outer Diameter (mm)	65
Dynamic Load Rating	6,400 N
Limiting Speed - Oil	12,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	10,000 rpm
(Grease) Lubrication Speed	10000 r/min
Snap Ring Outside Diameter	67.8 mm
Basic static load rating (C0)	5,8 kN
Basic dynamic load rating (C)	6,4 kN