



Bearing No. 6814NR

f	1.12 mm
a	1.7 mm
b	1.3 mm
d	70 mm
D	90 mm
B	10 mm
C	10 mm
D2	94.4 mm
D1	87.9 mm
r1	0.5 mm
Width	10 mm
r min.	0.6 mm
Weight	0.140 Kg
r1 min.	0.5 mm
b (min)	1.3 mm
a (max)	1.7 mm
Da (max)	86 mm
Dx (min)	96 mm
ra (max)	0.6 mm
da (min)	74 mm
D1 (max)	87.9 mm
Cy (max)	2.5 mm
Factor fo	16.1
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	70 mm
Size (mm)	70x90x10
Bore Type	Cylindrical Bore
Width (mm)	10
Configuration	Single Row

Bearing number	6814NR
Snap Ring Width	1.1 mm
Radial Clearance	0.010 to 0.030 mm
Outside Diameter	90 mm
Static Load Rating	11,900 N
Bore Diameter (mm)	70
Outer Diameter (mm)	90
Dynamic Load Rating	12,100 N
Limiting Speed - Oil	8,100 rpm
Fillet Radius/Chamfer	0.6 mm
Limiting Speed - Grease	7,000 rpm
(Grease) Lubrication Speed	7000 r/min
Snap Ring Outside Diameter	94.4 mm
Basic static load rating (C0)	11,9 kN
Basic dynamic load rating (C)	12,1 kN