



Bearing No. 6814N

D	90 mm
d	70 mm
B	10 mm
C	10 mm
a	1.7 mm
b	1.3 mm
r1	0.5 mm
D1	87.9 mm
Width	10 mm
Weight	0.140 Kg
r min.	0.6 mm
r1 min.	0.5 mm
a (max)	1.7 mm
da (min)	74 mm
Cy (max)	2.5 mm
Da (max)	86 mm
Dx (min)	96 mm
ra (max)	0.6 mm
Factor fo	16.1
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	70x90x10
Bore Size	70 mm
Width (mm)	10
Groove Width	1.3 mm
Configuration	Single Row
Bearing number	6814N
Groove Diameter	87.9 mm
Outside Diameter	90 mm
Radial Clearance	0.010 to 0.030 mm

Static Load Rating	11,900 N
Bore Diameter (mm)	70
Dynamic Load Rating	12,100 N
Outer Diameter (mm)	90
Limiting Speed - Oil	8,100 rpm
Fillet Radius/Chamfer	0.6 mm
Limiting Speed - Grease	7,000 rpm
(Grease) Lubrication Speed	7000 r/min
Basic static load rating (C0)	11,9 kN
Basic dynamic load rating (C)	12,1 kN