



Bearing No. 6814ZNR

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

Bearing number	6814ZNR
Snap Ring Width	1.1 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
Snap Ring Outside Diameter	94.4 mm
(Grease) Lubrication Speed	7000 r/min
Basic static load rating (C0)	11,9 kN
Basic dynamic load rating (C)	12,1 kN