



Bearing No. 6818NR

f	1.2 mm
a	2.1 mm
b	1.3 mm
d	90 mm
D	115 mm
B	13 mm
C	13 mm
D2	120.7 mm
D1	112.6 mm
r1	0.5 mm
Width	13 mm
r min.	1 mm
Weight	0.288 Kg
r1 min.	0.5 mm
b (min)	1.3 mm
a (max)	2.1 mm
Da (max)	110 mm
Dx (min)	122 mm
ra (max)	1 mm
da (min)	95 mm
D1 (max)	112.6 mm
Cy (max)	2.9 mm
Factor fo	16.1
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	90 mm
Size (mm)	90x115x13
Bore Type	Cylindrical Bore
Width (mm)	13
Configuration	Single Row

Bearing number	6818NR
Snap Ring Width	1.2 mm
Radial Clearance	0.012 to 0.036 mm
Outside Diameter	115 mm
Static Load Rating	19,700 N
Bore Diameter (mm)	90
Outer Diameter (mm)	115
Dynamic Load Rating	19,000 N
Limiting Speed - Oil	6,300 rpm
Fillet Radius/Chamfer	1 mm
Limiting Speed - Grease	5,400 rpm
(Grease) Lubrication Speed	5300 r/min
Snap Ring Outside Diameter	120.7 mm
Basic static load rating (C0)	19,7 kN
Basic dynamic load rating (C)	19 kN