



Bearing No. 6818ZNR

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

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