



### Bearing No. 6820NR

f	1.12 mm
a	2.1 mm
b	1.3 mm
d	100 mm
D	125 mm
B	13 mm
C	13 mm
D2	130.7 mm
D1	122.6 mm
r1	0.5 mm
Width	13 mm
r min.	1 mm
Weight	0.320 Kg
r1 min.	0.5 mm
b (min)	1.3 mm
a (max)	2.1 mm
Da (max)	120 mm
Dx (min)	132 mm
ra (max)	1 mm
da (min)	105 mm
D1 (max)	122.6 mm
Cy (max)	2.9 mm
Factor fo	16.0
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	100 mm
Size (mm)	100x125x13
Bore Type	Cylindrical Bore
Width (mm)	13
Configuration	Single Row

Bearing number	6820NR
Snap Ring Width	1.1 mm
Radial Clearance	0.012 to 0.036 mm
Outside Diameter	125 mm
Static Load Rating	21,200 N
Bore Diameter (mm)	100
Outer Diameter (mm)	125
Dynamic Load Rating	19,600 N
Limiting Speed - Oil	5,600 rpm
Fillet Radius/Chamfer	1 mm
Limiting Speed - Grease	4,800 rpm
(Grease) Lubrication Speed	4600 r/min
Snap Ring Outside Diameter	130.7 mm
Basic static load rating (C0)	21,2 kN
Basic dynamic load rating (C)	19,6 kN