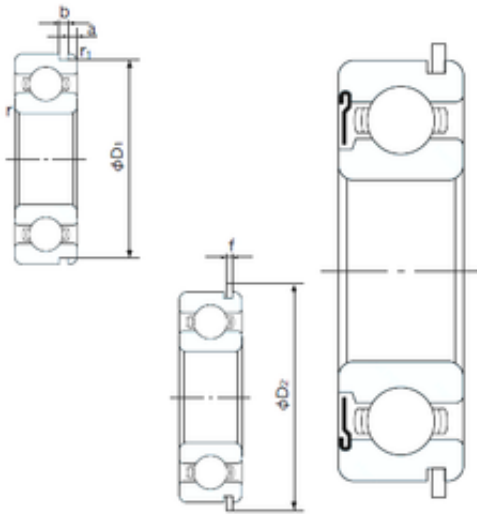




## Lamar parts manufacturing company



6819ZNR Bearing 2D drawings and 3D CAD models

### 95 mm x 120 mm x 13 mm NACHI 6819ZNR deep groove ball bearings

Bearing No. 6819ZNR

Size	95x120x13 mm
Bore Diameter	95 mm
Outer Diameter	120 mm
Width	13 mm
d	95 mm
D	120 mm
B	13 mm
C	13 mm
a	2.1 mm
b	1.3 mm
f	1.12 mm
r min.	1 mm
r1 min.	0.5 mm
D1	117.6 mm
D2	125.7 mm
Weight	0.307 Kg
Basic dynamic load rating (C)	19,3 kN
Basic static load rating (C0)	20,5 kN
(Grease) Lubrication Speed	5000 r/min
Enclosure	Single Shield with Snap Ring
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	95 mm
Outside Diameter	120 mm
Width	13 mm



## Lamar parts manufacturing company

Fillet Radius/Chamfer	1 mm
r1	0.5 mm
Snap Ring Width	1.1 mm
Snap Ring Outside Diameter	125.7 mm
D1 (max)	117.6 mm
a (max)	2.1 mm
b (min)	1.3 mm
Dynamic Load Rating	19,300 N
Static Load Rating	20,500 N
Limiting Speed - Grease	5,000 rpm
Limiting Speed - Oil	6,000 rpm
Factor fo	16.0
Radial Clearance	0.012 to 0.036 mm
da (min)	100 mm
Da (max)	115 mm
Dx (min)	127 mm
ra (max)	1 mm
Cy (max)	2.9 mm