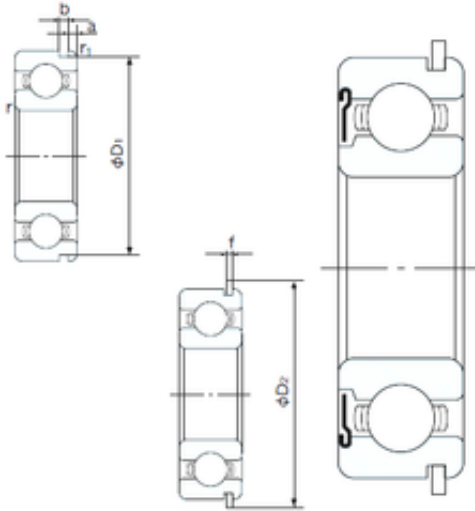




Zotti Industrial Co., Ltd



90 mm x 115 mm x 13 mm NACHI 6818ZNR deep groove ball bearings

Bearing No. 6818ZNR

6818ZNR Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|------------------------------|
| Size | 90x115x13 mm |
| Bore Diameter | 90 mm |
| Outer Diameter | 115 mm |
| Width | 13 mm |
| d | 90 mm |
| D | 115 mm |
| B | 13 mm |
| C | 13 mm |
| a | 2.1 mm |
| b | 1.3 mm |
| f | 1.2 mm |
| r min. | 1 mm |
| r1 min. | 0.5 mm |
| D1 | 112.6 mm |
| D2 | 120.7 mm |
| Weight | 0.288 Kg |
| Basic dynamic load rating (C) | 19 kN |
| Basic static load rating (C0) | 19,7 kN |
| (Grease) Lubrication Speed | 5300 r/min |
| Enclosure | Single Shield with Snap Ring |
| Bore Type | Cylindrical Bore |
| Configuration | Single Row |
| Bore Size | 90 mm |
| Outside Diameter | 115 mm |
| Width | 13 mm |



Zotti Industrial Co., Ltd

| | |
|----------------------------|-------------------|
| Fillet Radius/Chamfer | 1 mm |
| r1 | 0.5 mm |
| Snap Ring Width | 1.2 mm |
| Snap Ring Outside Diameter | 120.7 mm |
| D1 (max) | 112.6 mm |
| a (max) | 2.1 mm |
| b (min) | 1.3 mm |
| Dynamic Load Rating | 19,000 N |
| Static Load Rating | 19,700 N |
| Limiting Speed - Grease | 5,400 rpm |
| Limiting Speed - Oil | 6,300 rpm |
| Factor fo | 16.1 |
| Radial Clearance | 0.012 to 0.036 mm |
| da (min) | 95 mm |
| Da (max) | 110 mm |
| Dx (min) | 122 mm |
| ra (max) | 1 mm |
| Cy (max) | 2.9 mm |