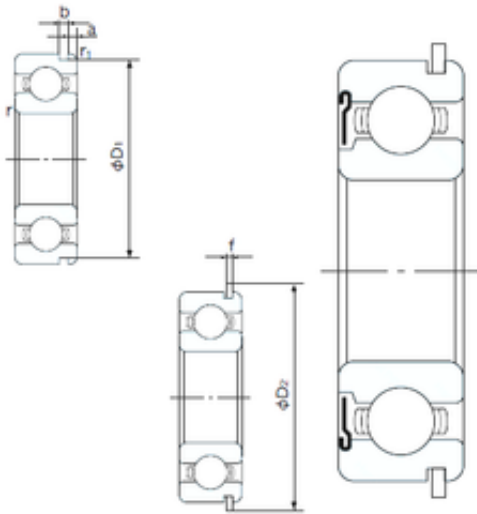




## NKE-Corredor de energia.



6218ZNR Bearing 2D drawings and 3D CAD models

90 mm x 160 mm x 30 mm NACHI 6218ZNR  
Rolamentos de esferas profundas

Bearing No. 6218ZNR

|                               |                              |
|-------------------------------|------------------------------|
| Size                          | 90x160x30 mm                 |
| Bore Diameter                 | 90 mm                        |
| Outer Diameter                | 160 mm                       |
| Width                         | 30 mm                        |
| d                             | 90 mm                        |
| D                             | 160 mm                       |
| B                             | 30 mm                        |
| C                             | 30 mm                        |
| a                             | 4.9 mm                       |
| b                             | 3.1 mm                       |
| f                             | 2.82 mm                      |
| r min.                        | 2 mm                         |
| r1 min.                       | 0.5 mm                       |
| D1                            | 155.22 mm                    |
| D2                            | 169.7 mm                     |
| Weight                        | 2.15 Kg                      |
| Basic dynamic load rating (C) | 96 kN                        |
| Basic static load rating (C0) | 71,5 kN                      |
| (Grease) Lubrication Speed    | 3900 r/min                   |
| Enclosure                     | Single Shield with Snap Ring |
| Bore Type                     | Cylindrical Bore             |
| Configuration                 | Single Row                   |
| Bore Size                     | 90 mm                        |
| Outside Diameter              | 160 mm                       |
| Width                         | 30 mm                        |



## NKE-Corredor de energia.

|                            |                   |
|----------------------------|-------------------|
| Fillet Radius/Chamfer      | 2 mm              |
| r1                         | 0.5 mm            |
| Snap Ring Width            | 2.8 mm            |
| Snap Ring Outside Diameter | 169.7 mm          |
| D1 (max)                   | 155.2 mm          |
| a (max)                    | 4.9 mm            |
| b (min)                    | 3.1 mm            |
| Dynamic Load Rating        | 96,000 N          |
| Static Load Rating         | 71,500 N          |
| Limiting Speed - Grease    | 4,000 rpm         |
| Limiting Speed - Oil       | 4,800 rpm         |
| Factor fo                  | 14.5              |
| Radial Clearance           | 0.012 to 0.036 mm |
| da (min)                   | 100 mm            |
| Da (max)                   | 150 mm            |
| Dx (min)                   | 172 mm            |
| ra (max)                   | 2 mm              |
| Cy (max)                   | 7.3 mm            |