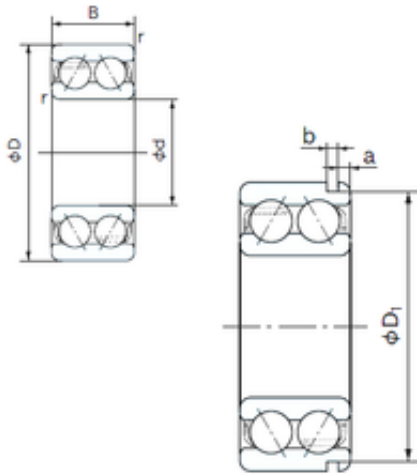




# TRANSMISSIONS?BEARINGS EUROPE



5308N Bearing 2D drawings and 3D CAD models

## NACHI 5308N angular contact ball bearings

Bearing No. 5308N

|                               |                  |
|-------------------------------|------------------|
| Size                          | 40x90x36.5 mm    |
| Bore Diameter                 | 40 mm            |
| Outer Diameter                | 90 mm            |
| Width                         | 36.5 mm          |
| d                             | 40 mm            |
| D                             | 90 mm            |
| B                             | 36.5 mm          |
| C                             | 36.5 mm          |
| a                             | 3.28 mm          |
| b                             | 2.7 mm           |
| r min.                        | 1.5 mm           |
| D1                            | 86.79 mm         |
| Weight                        | 1.05 Kg          |
| Basic dynamic load rating (C) | 63,5 kN          |
| Basic static load rating (C0) | 46,5 kN          |
| (Grease) Lubrication Speed    | 5500 r/min       |
| Bore Type                     | Cylindrical Bore |
| Enclosure                     | Open             |
| Configuration                 | Double Row       |
| Bore Size                     | 40 mm            |
| Outside Diameter              | 90 mm            |
| Width                         | 36.5 mm          |
| Fillet Radius/Chamfer         | 1.5 mm           |
| Groove Width                  | 2.7 mm           |
| Groove Diameter               | 86.8 mm          |
| a (max)                       | 3.3 mm           |



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|                         |                   |
|-------------------------|-------------------|
| Dynamic Load Rating     | 63,500 N          |
| Static Load Rating      | 46,500 N          |
| Limiting Speed - Grease | 5,500 rpm         |
| Limiting Speed - Oil    | 7,500 rpm         |
| Radial Clearance        | 0.006 to 0.020 mm |
| da                      | 49 mm             |
| Da                      | 81 mm             |
| Dx                      | 98 mm             |
| ra                      | 1.5 mm            |
| Cy                      | 5.4 mm            |