



5210N Bearing 2D drawings and 3D CAD models

NACHI 5210N angular contact ball bearings

Bearing No. 5210N

| | |
|-------------------------------|------------------|
| Size | 50x90x30.2 mm |
| Bore Diameter | 50 mm |
| Outer Diameter | 90 mm |
| Width | 30.2 mm |
| d | 50 mm |
| D | 90 mm |
| B | 30.2 mm |
| C | 30.2 mm |
| a | 3.28 mm |
| b | 2.7 mm |
| r min. | 1.1 mm |
| D1 | 86.79 mm |
| Weight | 0.670 Kg |
| Basic dynamic load rating (C) | 54,5 kN |
| Basic static load rating (C0) | 44,5 kN |
| (Grease) Lubrication Speed | 5000 r/min |
| Bore Type | Cylindrical Bore |
| Enclosure | Open |
| Configuration | Double Row |
| Bore Size | 50 mm |
| Outside Diameter | 90 mm |
| Width | 30.2 mm |
| Fillet Radius/Chamfer | 1.1 mm |
| Groove Width | 2.7 mm |
| Groove Diameter | 86.8 mm |
| a (max) | 3.3 mm |



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|-------------------------|-------------------|
| Dynamic Load Rating | 54,500 N |
| Static Load Rating | 44,500 N |
| Limiting Speed - Grease | 5,000 rpm |
| Limiting Speed - Oil | 6,700 rpm |
| Radial Clearance | 0.006 to 0.023 mm |
| da | 57 mm |
| Da | 83 mm |
| Dx | 98 mm |
| ra | 1 mm |
| Cy | 5.4 mm |