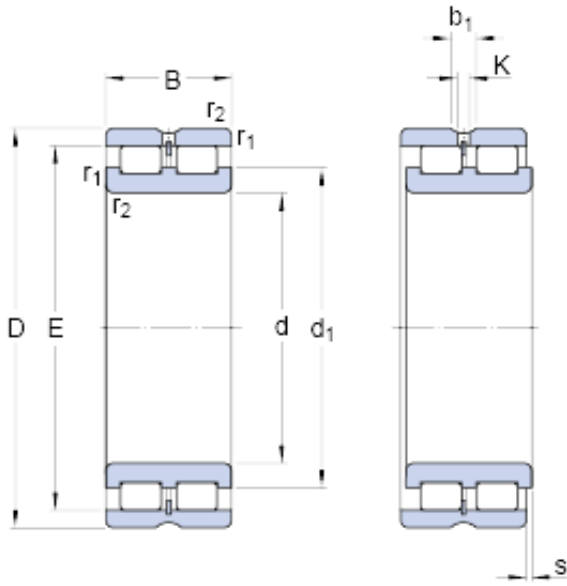




# Timken BEARINGS INDUSTRY



NNCL 4918 CV Bearing 2D drawings and 3D CAD models

## 90 mm x 125 mm x 35 mm SKF NNCL 4918 CV cylindrical roller bearings

Bearing No. NNCL 4918 CV

|   |              |
|---|--------------|
| Size                                      | 125x90x35 mm |
| Bore Diameter                             | 125 mm       |
| Outer Diameter                            | 90 mm        |
| Width                                     | 35 mm        |
| d   | 90 mm        |
| D   | 125 mm       |
| B   | 35 mm        |
| d <sub>1</sub>                            | 103 mm       |
| E   | 115.2 mm     |
| b <sub>1</sub>                            | 5 mm         |
| K   | 3.5 mm       |
| s   | 1.5 mm       |
| r <sub>1,2</sub> - min.                   | 1.1 mm       |
| d <sub>a</sub> - min.                     | 95.4 mm      |
| D <sub>a</sub> - max.                     | 119.7 mm     |
| r <sub>a</sub> - max.                     | 1 mm         |
| Basic dynamic load rating - C             | 161 kN       |
| Basic static load rating - C <sub>0</sub> | 300 kN       |
| Fatigue load limit - P <sub>u</sub>       | 35.5 kN      |
| Reference speed                           | 2400 r/min   |
| Limiting speed                            | 3000 r/min   |
| Calculation factor - k <sub>r</sub>       | 0.25         |
| d <sub>1</sub>                            | 103 mm       |
| b <sub>1</sub>                            | 5 mm         |



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|                                |          |
|--------------------------------|----------|
| s max.                         | 1.5 mm   |
| $r_{1,2}$ min.                 | 1.1 mm   |
| $d_a$ min.                     | 95.4 mm  |
| $D_a$ max.                     | 119.7 mm |
| $r_a$ max.                     | 1 mm     |
| Basic dynamic load rating C    | 161 kN   |
| Basic static load rating $C_0$ | 300 kN   |
| Fatigue load limit $P_u$       | 35.5 kN  |
| Calculation factor $k_r$       | 0.25     |
| Mass bearing                   | 1.3 kg   |