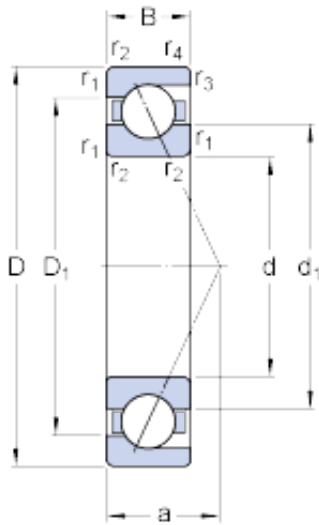




# NTN-SNR BEARING RULMENTI S.R.L.



750 mm x 920 mm x 78 mm skf 718/750 ACMB  
Single row angular contact ball bearings

Bearing No. 718/750 ACMB

718/750 ACMB Bearing 2D drawings and 3D CAD models

|   |               |
|---|---------------|
| Size                                      | 920x750x78 mm |
| Bore Diameter                             | 920 mm        |
| Outer Diameter                            | 750 mm        |
| Width                                     | 78 mm         |
| d   | 750 mm        |
| D   | 920 mm        |
| B   | 78 mm         |
| d <sub>1</sub>                            | 807.3 mm      |
| D <sub>1</sub>                            | 866.5 mm      |
| a   | 234 mm        |
| r <sub>1,2</sub> - min.                   | 5 mm          |
| r <sub>3,4</sub> - min.                   | 2 mm          |
| d <sub>a</sub> - min.                     | 768 mm        |
| D <sub>a</sub> - max.                     | 902 mm        |
| D <sub>b</sub> - max.                     | 911 mm        |
| r <sub>a</sub> - max.                     | 4 mm          |
| r <sub>b</sub> - max.                     | 2 mm          |
| Basic dynamic load rating - C             | 650 kN        |
| Basic static load rating - C <sub>0</sub> | 1800 kN       |
| Fatigue load limit - P <sub>u</sub>       | 26.5 kN       |
| Reference speed                           | 600 r/min     |
| Limiting speed                            | 630 r/min     |
| Calculation factor - k <sub>r</sub>       | 0.08          |
| Calculation factor - k <sub>a</sub>       | 0.2           |



## NTN-SNR BEARING RULMENTI S.R.L.

|                                |          |
|--------------------------------|----------|
| Calculation factor - e         | 0.68     |
| Calculation factor - X         | 0.67     |
| Calculation factor - $Y_0$     | 0.76     |
| Calculation factor - $Y_1$     | 0.92     |
| Calculation factor - $Y_2$     | 1.41     |
| Calculation factor - X         | 0.41     |
| Calculation factor - $Y_0$     | 0.38     |
| Calculation factor - $Y_1$     |          |
| Calculation factor - $Y_2$     | 0.87     |
| $d_1$                          | 807.3 mm |
| $D_1$                          | 866.5 mm |
| $r_{1,2}$ min.                 | 5 mm     |
| $r_{3,4}$ min.                 | 2 mm     |
| $d_a$ min.                     | 768 mm   |
| $D_a$ max.                     | 902 mm   |
| $D_b$ max.                     | 911 mm   |
| $r_a$ max.                     | 4 mm     |
| $r_b$ max.                     | 2 mm     |
| Basic dynamic load rating C    | 650 kN   |
| Basic static load rating $C_0$ | 1800 kN  |
| Fatigue load limit $P_u$       | 26.5 kN  |
| Calculation factor A           | 15.2     |
| Calculation factor $k_r$       | 0.08     |
| Calculation factor e           | 0.68     |
| Calculation factor X           | 0.41     |
| Calculation factor $Y_0$       | 0.38     |
| Calculation factor $Y_2$       | 0.87     |
| Calculation factor X           | 0.67     |
| Calculation factor $Y_0$       | 0.76     |
| Calculation factor $Y_1$       | 0.92     |
| Calculation factor $Y_2$       | 1.41     |
|                                |          |



# NTN-SNR BEARING RULMENTI S.R.L.

Mass bearing

110 kg