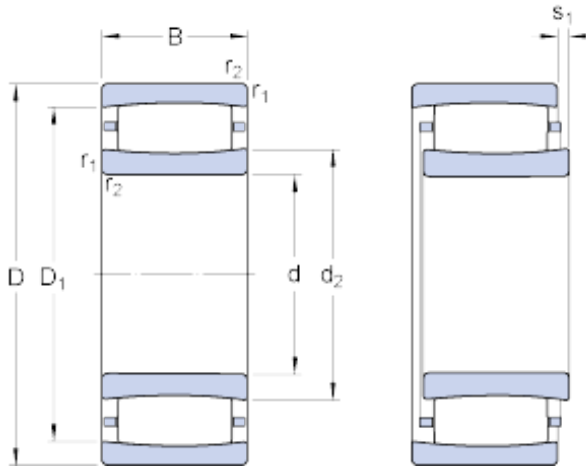




# BEARING BOWER CORP.



40 mm x 80 mm x 23 mm SKF C 2208 TN9  
cylindrical roller bearings

Bearing No. C 2208 TN9

C 2208 TN9 Bearing 2D drawings and 3D CAD models

|   |             |
|---|-------------|
| Size                                      | 80x40x23 mm |
| Bore Diameter                             | 80 mm       |
| Outer Diameter                            | 40 mm       |
| Width                                     | 23 mm       |
| d   | 40 mm       |
| D   | 80 mm       |
| B   | 23 mm       |
| d <sub>2</sub>                            | 52.4 mm     |
| D <sub>1</sub>                            | 69.9 mm     |
| s <sub>1</sub>                            | 7.1 mm      |
| r <sub>1,2</sub> - min.                   | 1.1 mm      |
| d <sub>a</sub> - min.                     | 47 mm       |
| d <sub>a</sub> - max.                     | 52.4 mm     |
| D <sub>a</sub> - min.                     | 67.1 mm     |
| D <sub>a</sub> - max.                     | 73 mm       |
| C <sub>a</sub> - min.                     | 0.3 mm      |
| r <sub>a</sub> - max.                     | 1 mm        |
| Basic dynamic load rating - C             | 90 kN       |
| Basic static load rating - C <sub>0</sub> | 86.5 kN     |
| Fatigue load limit - P <sub>u</sub>       | 10.2 kN     |
| Reference speed                           | 8000 r/min  |
| Limiting speed                            | 11000 r/min |
| Factor - k <sub>1</sub>                   | 0.093       |
| Factor - k <sub>2</sub>                   | 0.128       |



## BEARING BOWER CORP.

|                                     |                 |
|-------------------------------------|-----------------|
| Category                            | Roller Bearings |
| Inventory                           | 0.0             |
| Manufacturer Name                   | SKF             |
| Minimum Buy Quantity                | N/A             |
| Weight / Kilogram                   | 0.517           |
| EAN                                 | 7316570654226   |
| Product Group                       | B04311          |
| $d_2$                               | 52.4 mm         |
| $D_1$                               | 69.9 mm         |
| $s_1$ max.                          | 7.1 mm          |
| $r_{1,2}$ min.                      | 1.1 mm          |
| $d_a$ min.                          | 47 mm           |
| $d_a$ max.                          | 52.4 mm         |
| $D_a$ min.                          | 67.1 mm         |
| $D_a$ max.                          | 73 mm           |
| $C_a$ min.                          | 0.3 mm          |
| $r_a$ max.                          | 1 mm            |
| Basic dynamic load rating C         | 90 kN           |
| Basic static load rating $C_0$      | 86.5 kN         |
| Fatigue load limit $P_u$            | 10.2 kN         |
| Misalignment factor $k_1$           | 0.093           |
| Operating clearance factor<br>$k_2$ | 0.128           |
| Mass bearing                        | 0.51 kg         |