



# NTN Bearing Rolamentos do Brasil Ltda.



69.85 mm x 158.75 mm x 34.925 mm skf RMS  
22 Deep groove ball bearings

Bearing No. RMS 22

RMS 22 Bearing 2D drawings and 3D CAD models

|   |                        |
|---|------------------------|
| Size                                      | 158.75x69.85x34.925 mm |
| Bore Diameter                             | 158,75 mm              |
| Outer Diameter                            | 69,85 mm               |
| Width                                     | 34,925 mm              |
| d   | 69.85 mm               |
| D   | 158.75 mm              |
| B   | 34.925 mm              |
| d <sub>1</sub>                            | 94.95 mm               |
| D <sub>1</sub>                            | 124.75 mm              |
| r <sub>1,2</sub> - min.                   | 3.2 mm                 |
| d <sub>a</sub> - min.                     | 82 mm                  |
| D <sub>a</sub> - max.                     | 138 mm                 |
| r <sub>a</sub> - max.                     | 2 mm                   |
| Basic dynamic load rating - C             | 104 kN                 |
| Basic static load rating - C <sub>0</sub> | 68 kN                  |
| Fatigue load limit - P <sub>u</sub>       | 2.8 kN                 |
| Reference speed                           | 9500 r/min             |
| Limiting speed                            | 6300 r/min             |
| Calculation factor - k <sub>r</sub>       | 0.03                   |
| Calculation factor - f <sub>0</sub>       | 13.2                   |
| d <sub>1</sub>                            | 94.95 mm               |
| D <sub>1</sub>                            | 124.75 mm              |
| r <sub>1,2</sub> min.                     | 3.2 mm                 |
| d <sub>a</sub> min.                       | 82 mm                  |



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|   |         |
|---|---------|
| D <sub>a</sub> max.                     | 138 mm  |
| r <sub>a</sub> max.                     | 2 mm    |
| Basic dynamic load rating C             | 104 kN  |
| Basic static load rating C <sub>0</sub> | 68 kN   |
| Fatigue load limit P <sub>u</sub>       | 2.75 kN |
| Calculation factor k <sub>r</sub>       | 0.03    |
| Calculation factor f <sub>0</sub>       | 13.2    |
| Mass bearing                            | 3.15 kg |