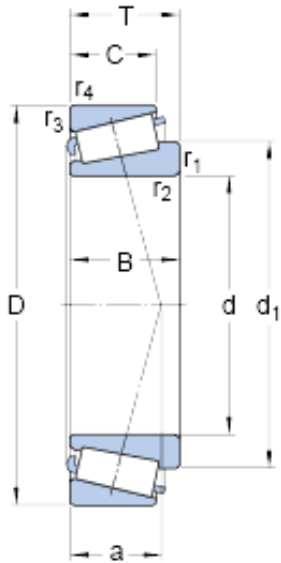




Bearing company



100 mm x 180 mm x 63 mm skf 33220 bearing

Bearing No. 33220

| | |
|---|---------------|
| Size | 180x100x63 mm |
| Bore Diameter | 180 mm |
| Outer Diameter | 100 mm |
| Width | 63 mm |
| d | 100 mm |
| D | 180 mm |
| T | 63 mm |
| d ₁ | 139.98 mm |
| B | 63 mm |
| C | 48 mm |
| r _{1,2} - min. | 3 mm |
| r _{3,4} - min. | 2.5 mm |
| a | 45 mm |
| d _a - max. | 112 mm |
| d _b - min. | 112 mm |
| D _a - min. | 151 mm |
| D _a - max. | 168 mm |
| D _b - min. | 172 mm |
| C _a - min. | 10 mm |
| C _b - min. | 15 mm |
| r _a - max. | 3 mm |
| r _b - max. | 2.5 mm |
| Basic dynamic load rating - C | 429 kN |
| Basic static load rating - C ₀ | 655 kN |
| Fatigue load limit - P _u | 71 kN |
| | |

33220 Bearing 2D drawings and 3D CAD models



Bearing company

| | |
|------------------------------|---------------------|
| Reference speed | 2400 r/min |
| Limiting speed | 3600 r/min |
| Calculation factor - e | 0.4 |
| Calculation factor - Y | 1.5 |
| Calculation factor - Y_0 | 0.8 |
| Category | Roller Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 6.883 |
| EAN | 7316577662828 |
| Product Group | B04334 |
| bore diameter: | 100 mm |
| operating temperature range: | Maximum of +250 ° F |
| cup width: | 48 mm |
| dynamic load capacity: | 429 kN |
| assembly type: | Cone & Cup |
| static load capacity: | 655 kN |
| outside diameter: | 180 mm |
| finish/coating: | Uncoated |
| cone width: | 63 mm |
| maximum rpm: | 3600 RPM |
| closure type: | Open |
| series: | 332 |
| cage material: | Steel |
| flange type: | Non-Flanged Cup |
| Dimension series | 3FE |
| d_1 | 139.98 mm |
| $r_{1,2}$ min. | 3 mm |
| $r_{3,4}$ min. | 2.5 mm |
| d_a max. | 112 mm |
| | |



Bearing company

| | |
|--------------------------------|----------|
| d_b min. | 113.5 mm |
| D_a min. | 151 mm |
| D_a max. | 168.5 mm |
| D_b min. | 172 mm |
| C_a min. | 10 mm |
| C_b min. | 15 mm |
| Basic dynamic load rating C | 532 kN |
| Basic static load rating C_0 | 655 kN |
| Fatigue load limit P_u | 71 kN |
| Calculation factor e | 0.4 |
| Calculation factor Y | 1.5 |
| Calculation factor Y_0 | 0.8 |
| Mass bearing | 6.73 kg |