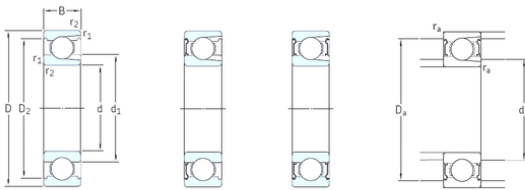




# BROWNING BEARING COMPANY



## 100 mm x 180 mm x 34 mm skf 220 bearing

Bearing No. 220

220 Bearing 2D drawings and 3D CAD models

|                               |               |
|-------------------------------|---------------|
| Size                          | 100x180x34 mm |
| Bore Diameter                 | 100 mm        |
| Outer Diameter                | 180 mm        |
| Width                         | 34 mm         |
| d                             | 100 mm        |
| D                             | 180 mm        |
| B                             | 34 mm         |
| C                             | 34 mm         |
| d1                            | 123 mm        |
| r1 min.                       | 2,1 mm        |
| r2 min.                       | 2,1 mm        |
| D2                            | 160 mm        |
| da min.                       | 112 mm        |
| da max                        | 122 mm        |
| Da max.                       | 168 mm        |
| ra max.                       | 2 mm          |
| Weight                        | 3,45 Kg       |
| Basic dynamic load rating (C) | 134 kN        |
| Basic static load rating (C0) | 140 kN        |
| Fatigue load limit (Pu)       | 5             |
| Reference speed               | 6300 r/min    |
| Limiting speed                | 4000 r/min    |
| d <sub>1</sub>                | 123 mm        |
| D <sub>2</sub>                | 159.9 mm      |
| r <sub>1,2</sub> min.         | 2.1 mm        |
| d <sub>a</sub> min.           | 112 mm        |



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|                                |         |
|--------------------------------|---------|
| $D_a$ max.                     | 168 mm  |
| $r_a$ max.                     | 2 mm    |
| Basic dynamic load rating C    | 134 kN  |
| Basic static load rating $C_0$ | 140 kN  |
| Fatigue load limit $P_u$       | 5 kN    |
| Calculation factor $k_f$       | 0.04    |
| Mass bearing                   | 3.45 kg |