

**FAG****20207-TVP-C3**

Barrel roller bearing

Barrel roller bearings 202, main dimensions to DIN 635-1

Technical information

**Your current product variant**

| | | |
|---------------------------|--------------|-----------------------------------|
| Bore type | Z | Cylindrical |
| Cage | TVP | Plastic cage |
| Radial internal clearance | C3 (Group 3) | Internal clearance larger than CN |

Main Dimensions & Performance Data

| | | |
|-------------|-------------|-----------------------------------|
| d | 35 mm | Bore diameter |
| D | 72 mm | Outside diameter |
| B | 17 mm | Width |
| C_r | 41.000 N | Basic dynamic load rating, radial |
| C_{0r} | 43.000 N | Basic static load rating, radial |
| C_{ur} | 5.000 N | Fatigue load limit, radial |
| n_G | 9.700 1/min | Limiting speed |
| $\approx m$ | 0,287 kg | Weight |

Mounting dimensions

| | | |
|--------------|-------|--------------------------------------|
| $d_{a \min}$ | 42 mm | Minimum diameter shaft shoulder |
| $D_{a \max}$ | 65 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 1 mm | Maximum recess radius |

Dimensions

| | | |
|------------|---------|---------------------------|
| r_{\min} | 1,1 mm | Minimum chamfer dimension |
| D_1 | 62,3 mm | Bore diameter outer ring |



Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 120 °C | Operating temperature max. |

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment