

**FAG****20206-TVP**

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 | CN (Group N) | Normal internal clearance |

Main Dimensions & Performance Data

| | | |
|-------------|--------------|-----------------------------------|
| d | 30 mm | Bore diameter |
| D | 62 mm | Outside diameter |
| B | 16 mm | Width |
| C_r | 28.000 N | Basic dynamic load rating, radial |
| C_{0r} | 28.500 N | Basic static load rating, radial |
| C_{ur} | 2.950 N | Fatigue load limit, radial |
| n_G | 10.800 1/min | Limiting speed |
| $\approx m$ | 0,204 kg | Weight |

Mounting dimensions

| | | |
|--------------|---------|--------------------------------------|
| $d_{a \min}$ | 35,6 mm | Minimum diameter shaft shoulder |
| $D_{a \max}$ | 56,4 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 1 mm | Maximum recess radius |

Dimensions

| | | |
|------------|-------|---------------------------|
| r_{\min} | 1 mm | Minimum chamfer dimension |
| D_1 | 53 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