

FAG

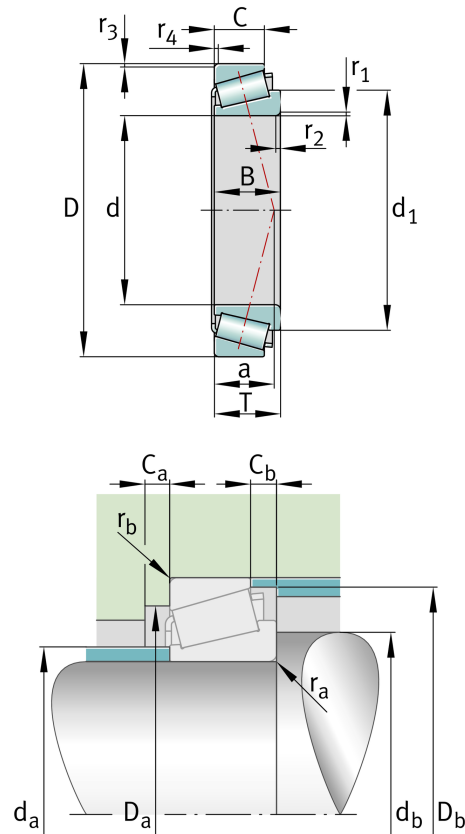
★ 33206

Tapered roller bearing

Schaeffler ID:
0167139740000Tapered roller bearings 332, main
dimensions to DIN ISO 355 / DIN 720,
separable, adjusted or in pairs

★ Preferred product

Technical information



Main Dimensions & Performance Data

| | | |
|----------|--------------|-----------------------------------|
| d | 30 mm | Bore diameter |
| D | 62 mm | Outside diameter |
| B | 25 mm | Width, inner ring |
| C | 19,5 mm | Width, outer ring |
| T | 25 mm | Width, total |
| C_r | 65.000 N | Basic dynamic load rating, radial |
| C_{0r} | 77.000 N | Basic static load rating, radial |
| C_{ur} | 9.600 N | Fatigue load limit, radial |
| n_G | 11.800 1/min | Limiting speed |
| n_{gr} | 7.100 1/min | Thermal speed rating |
| | 0,342 kg | Weight |

Dimensions

| | | |
|-----------------------|---------|---|
| $r_{1,2 \text{ min}}$ | 1 mm | Minimum chamfer dimension of inner ring back face |
| $r_{3,4 \text{ min}}$ | 1 mm | Minimum chamfer dimension of outer ring back face |
| a | 16 mm | Distance between the apexes of the pressure cones |
| d_1 | 46,1 mm | Guidance rib diameter of inner ring |

Mounting dimensions

| | | |
|---------------------|--------|--------------------------------------|
| $d_{a \text{ max}}$ | 36 mm | Maximum diameter of shaft shoulder |
| $d_{b \text{ min}}$ | 36 mm | Minimum diameter of shaft shoulder |
| $D_{a \text{ min}}$ | 53 mm | Minimum diameter of housing shoulder |
| $D_{a \text{ max}}$ | 56 mm | Maximum diameter of housing shoulder |
| $D_{b \text{ min}}$ | 59 mm | Minimum diameter of housing shoulder |
| $C_{a \text{ min}}$ | 5 mm | Minimum axial space |
| $C_{b \text{ min}}$ | 5,5 mm | Minimum axial space |
| $r_{a \text{ max}}$ | 1 mm | Maximum fillet radius of shaft |
| $r_{b \text{ max}}$ | 1 mm | Maximum fillet radius of housing |

Temperature range

| | | |
|------------------|--------|--|
| e | 0,34 | Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y |
| T _{min} | -30 °C | Operating temperature min. |
| Y | 1,76 | Dynamic axial load factor |
| T _{max} | 120 °C | Operating temperature max. |
| Y ₀ | 0,97 | Static axial load factor |

Additional information

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| T2DE030 | Comparative designation to ISO 10317 and ISO 355 |
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