

FAG

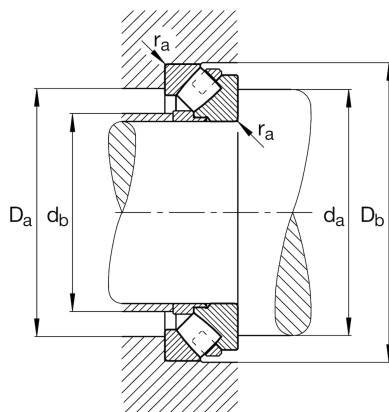
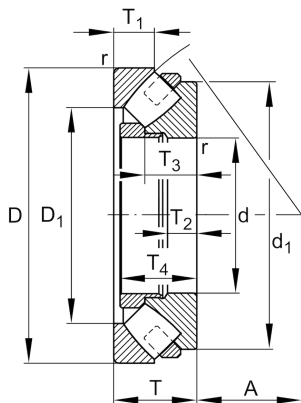
★ 29236-E1-MB

Axial spherical roller bearing

Schaeffler ID:
0389994120000Axial spherical roller bearing 292..-E1-MB,
with flanging ring

★ Preferred product

Technical information



Temperature range

| | | |
|------------|----------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 200 °C | Operating temperature max. |
| | 6,187 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|-------------|----------------------------------|
| d | 180 mm | Bore diameter |
| D | 250 mm | Outside diameter |
| T | 42 mm | Section height |
| C_a | 485.000 N | Basic dynamic load rating, axial |
| C_{0a} | 2.070.000 N | Basic static load rating, axial |
| C_{ua} | 255.000 N | Fatigue load limit, axial |
| n_G | 2.650 1/min | Limiting speed |
| n_{gr} | 1.350 1/min | Reference speed |

Dimensions

| | | |
|------------|--------|---------------------------------------|
| D_1 | 208 mm | Bore diameter housing washer |
| d_1 | 235 mm | Rip diameter shaft washer |
| r_{\min} | 1,5 mm | Minimum chamfer dimension |
| T_1 | 22 mm | Height of the housing washer |
| T_2 | 15 mm | Height of shaft washer |
| T_3 | 26 mm | Height of the shaft washer |
| T_4 | 40 mm | Height of shaft washer, inc. lip ring |
| A | 97 mm | Distance of the center point |

Mounting dimensions

| | | |
|--------------|--------|--------------------------------------|
| $d_{a \min}$ | 215 mm | Minimum diameter shaft shoulder |
| $D_{a \max}$ | 226 mm | Maximum diameter of housing shoulder |
| $D_{b \min}$ | 254 mm | Minimum bore diameter housing |
| $d_{b \max}$ | 190 mm | Maximum distance sleeve |
| $r_{a \max}$ | 1,5 mm | Maximum recess radius |