

## ★ 81206-TV

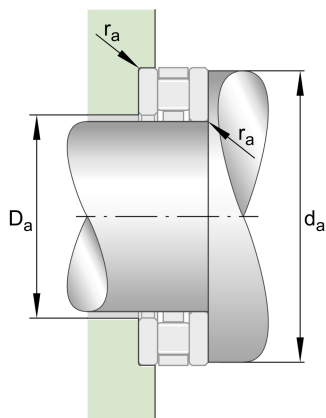
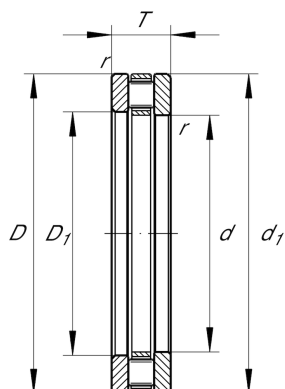
Axial cylindrical roller bearing

Schaeffler ID:  
0000997750000

Axial cylindrical roller bearings 812, single direction, comprising K812, GS, WS

★ Preferred product

### Technical information



#### Temperature range

|            |          |                            |
|------------|----------|----------------------------|
| $T_{\min}$ | -30 °C   | Operating temperature min. |
| $T_{\max}$ | 120 °C   | Operating temperature max. |
|            | 0,001 kg | Weight                     |

#### Main Dimensions & Performance Data

|          |             |                                  |
|----------|-------------|----------------------------------|
| d        | 30 mm       | Bore diameter                    |
| D        | 52 mm       | Outside diameter                 |
| T        | 16 mm       | Height                           |
| $C_a$    | 64.000 N    | Basic dynamic load rating, axial |
| $C_{0a}$ | 141.000 N   | Basic static load rating, axial  |
| $C_{ua}$ | 14.400 N    | Fatigue load limit, axial        |
| $n_G$    | 7.000 1/min | Limiting speed                   |
| $n_{gr}$ | 2.650 1/min | Reference speed                  |

#### Dimensions

|            |        |                              |
|------------|--------|------------------------------|
| $D_1$      | 32 mm  | Bore diameter housing washer |
| $d_1$      | 52 mm  | Rip diameter shaft washer    |
| $r_{\min}$ | 0,6 mm | Minimum chamfer dimension    |

#### Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a \min}$ | 50 mm  | Minimum diameter shaft shoulder      |
| $D_{a \max}$ | 31 mm  | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 0,6 mm | Maximum recess radius                |

#### Additional information

|           |                                |
|-----------|--------------------------------|
| K81206-TV | Axial roller and cage assembly |
| GS81206   | Housing Washer                 |
| WS81206   | Shaft washer                   |