

# GE 50 TXE-2LS

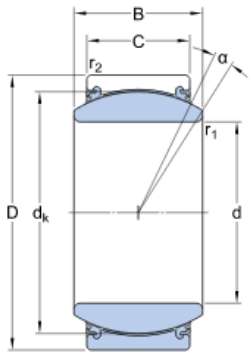
## Radial spherical plain bearings

Bearing data
Tolerances,
Radial internal clearance

Radial location of bearings
Recommended fits

## Technical specification

| | |
|---|---|
| Lubricant | Maintenance free – dry lubrication |
| Design (sliding contact surface combination) | Steel/PTFE fabric |
| Sealing solution | Triple-lip seals |

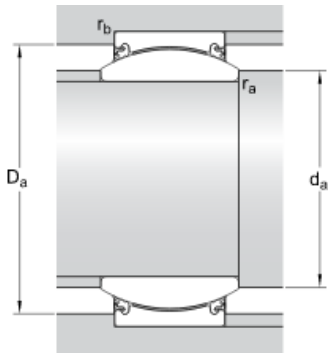



### DIMENSIONS

| | |
|---|---|
| d | 50 mm |
| D | 75 mm |
| B | 35 mm |
| C | 28 mm |
| α | 6 ° |
| $d_k$ | 66 mm |
| $r_1$ | min. 0.6 mm |
| $r_2$ | min. 1 mm |

### ABUTMENT DIMENSIONS

| | |
|---|---|
| $d_a$ | min. 54.5 mm |
| $d_a$ | max. 56 mm |
| $D_a$ | min. 66.5 mm |




| | |
|---|---|
| $D_a$ | max. 70.5 mm |
| $r_a$ | max. 0.6 mm |
| $r_b$ | max. 1 mm |

## CALCULATION DATA

| | | |
|---|---|---|
| Basic dynamic load rating | C | 440 kN |
| Basic static load rating | $C_0$ | 735 kN |
| Specific dynamic load factor | K | 300 N/mm |
| Specific static load factor | $K_0$ | 500 N/mm |

## MASS

| | |
|---|---|
| Mass plain bearing | 0.56 kg |

## More information

### Product details

Designs and variants

Bearing data

### Engineering information

Principles of selection and application

### Tools

SKF Bearing Calculator

Heater selection tool

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