

# 29413 E

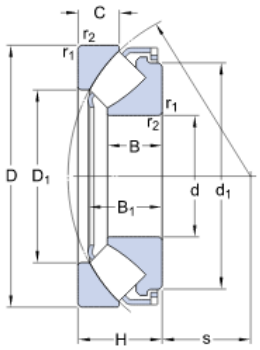
Popular item
SKF Explorer

## Spherical roller thrust bearings

Bearing data
Tolerances,
table

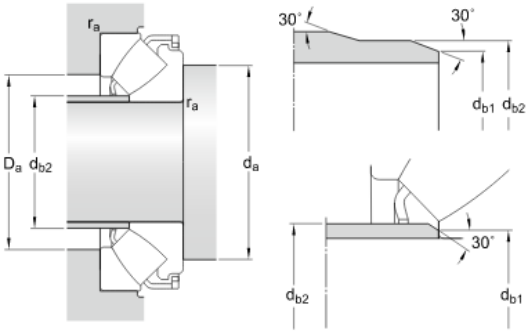
Bearing interfaces
Seat tolerances for standard conditions,
Tolerances and resultant fit

## Technical specification




### DIMENSIONS

| | |
|---|---|
| d | 65 mm |
| D | 140 mm |
| H | 45 mm |
| $d_1$ | ≈ 120 mm |
| $D_1$ | ≈ 91.5 mm |
| B | 29.5 mm |
| $B_1$ | 39.8 mm |
| C | 22 mm |
| s | 42 mm |
| $r_{1,2}$ | min. 2 mm |




### ABUTMENT DIMENSIONS

| | |
|---|---|
| $d_a$ | min. 100 mm |
| $d_{b1}$ | max. 72 mm |
| $d_{b2}$ | max. 72 mm |
| $D_a$ | max. 117 mm |
| $r_a$ | max. 2 mm |

## CALCULATION DATA

| | | |
|---|---|---|
| Basic dynamic load rating | C | 455 kN |
| Basic static load rating | $C_0$ | 1080 kN |
| Fatigue load limit | $P_u$ | 137 kN |
| Reference speed | | 2600 r/min |
| Limiting speed | | 4800 r/min |
| Minimum axial load factor | A | 0.11 |

## MASS

| | |
|---|---|
| Mass bearing | 3.2 kg |

## More information

### Product details

- Designs and variants
- Bearing data
- Loads
- Temperature limits
- Permissible speed
- Design considerations
- Lubrication
- Mounting
- Designation system

### Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing failure and how to prevent it

### Tools

- SimPro Quick
- Bearing Select
- Engineering Calculator
- LubeSelect for SKF greases
- Heater selection tool

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