



GE 12 E

Radial spherical plain bearings

Bearing data

[Tolerances,](#)

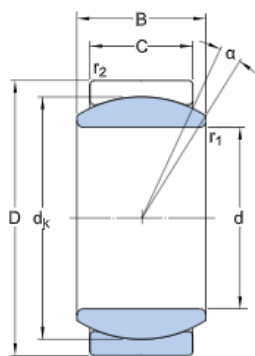
[Radial internal clearance](#)

Radial location of bearings

[Recommended fits](#)

Technical specification

| | |
|----------------------------------------------|--------------------------------|
| Lubricant | Regular relubrication – grease |
| Design (sliding contact surface combination) | Steel/steel |
| Sealing solution | No seals |

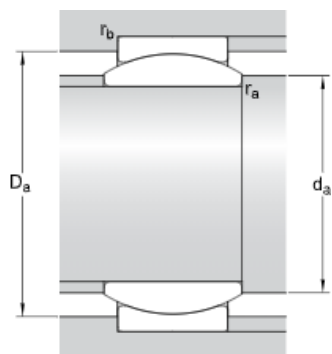


DIMENSIONS

| | |
|----------|-------------|
| d | 12 mm |
| D | 22 mm |
| B | 10 mm |
| C | 7 mm |
| α | 10 ° |
| d_k | 18 mm |
| r_1 | min. 0.3 mm |
| r_2 | min. 0.3 mm |

ABUTMENT DIMENSIONS

| | |
|-------|--------------|
| d_a | min. 13.8 mm |
| d_a | max. 15 mm |
| D_a | min. 17.1 mm |



| | |
|-------|--------------|
| D_a | max. 20.4 mm |
| r_a | max. 0.3 mm |
| r_b | max. 0.3 mm |

CALCULATION DATA

| | | |
|------------------------------|-------|----------|
| Basic dynamic load rating | C | 10.8 kN |
| Basic static load rating | C_0 | 54 kN |
| Specific dynamic load factor | K | 100 N/mm |
| Specific static load factor | K_0 | 500 N/mm |
| Material constant | K_M | 330 |

MASS

| | |
|--------------------|----------|
| Mass plain bearing | 0.016 kg |
|--------------------|----------|

More information

| | | |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <p>Product details</p> <p>Designs and variants</p> <hr/> <p>Bearing data</p> <hr/> | <p>Engineering information</p> <p>Principles of selection and application</p> <hr/> | <p>Tools</p> <p>SKF Bearing Calculator</p> <hr/> <p>Heater selection tool</p> <hr/> |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|

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