



## SKF GE 6 E

Radial spherical plain bearing, requiring maintenance, metric sizes

Radial spherical plain bearings are designed to accommodate radial and combined radial and axial loads, and also misalignment. This specific design includes a steel/steel sliding contact surface combination. The bearings require maintenance and can be relubricated only from the side.

### Technical specifications

| General                             |                        |
|-------------------------------------|------------------------|
| Maintenance                         | Relubrication required |
| Sliding contact surface combination | Steel/steel, standard  |
| Material, inner ring                | Bearing steel          |
| Material, outer ring                | Bearing steel          |
| Sealing                             | Without                |

| Dimensions                   |        |
|------------------------------|--------|
| Bore diameter                | 6 mm   |
| Outside diameter             | 14 mm  |
| Width                        | 6 mm   |
| Width outer ring             | 4 mm   |
| Angle of tilt                | 13 °   |
| Raceway diameter inner ring  | 10 mm  |
| Chamfer dimension bore       | 0.3 mm |
| Chamfer dimension outer ring | 0.3 mm |
| Width, inner ring            | 6 mm   |
| Width, outer ring            | 4 mm   |

| Abutment dimensions       |         |
|---------------------------|---------|
| Abutment diameter shaft   | 7.5 mm  |
| Abutment diameter shaft   | 8 mm    |
| Abutment diameter housing | 9.5 mm  |
| Abutment diameter housing | 12.6 mm |
| Fillet radius shaft       | 0.3 mm  |
| Fillet radius housing     | 0.3 mm  |

| Calculation data             |                       |
|------------------------------|-----------------------|
| Basic dynamic load rating    | 3.4 kN                |
| Basic static load rating     | 17 kN                 |
| Specific dynamic load factor | 100 N/mm <sup>2</sup> |
| Specific static load factor  | 500 N/mm <sup>2</sup> |
| Material constant            | 330                   |

| Performance               |        |
|---------------------------|--------|
| Basic dynamic load rating | 3.4 kN |
| Basic static load rating  | 17 kN  |

| Properties                          |                        |
|-------------------------------------|------------------------|
| Sliding contact surface combination | Steel/steel, standard  |
| Material, inner ring                | Bearing steel          |
| Material, outer ring                | Bearing steel          |
| Maintenance                         | Relubrication required |
| Radial internal clearance           | CN                     |
| Sealing                             | Without                |
| Relubrication feature               | Without                |

| Logistics |  |
|-----------|--|
|           |  |

|                    |             |
|--------------------|-------------|
| Product net weight | 0.0046 kg   |
| eClass code        | 23-05-01-06 |
| UNSPSC code        | 31171515    |

**SKF drawings**

