



## SKF GE 60 TXE-2LS

Radial spherical plain bearing, maintenance-free, 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/PTFE fabric sliding contact surface combination and the bearings are maintenance-free. Except for those with designation suffix TXGR, they have a double-lip contact seal (-2RS) or a triple-lip, heavy duty contact seal (-2LS) on both sides. Those with designation suffixes TXGR, TXG3E or TXG3A are made of stainless steel.

### Technical specifications

| General                             |                    |
|-------------------------------------|--------------------|
| Maintenance                         | Maintenance-free   |
| Sliding contact surface combination | Steel/PTFE fabric  |
| Material, inner ring                | Bearing steel      |
| Material, outer ring                | Bearing steel      |
| Sealing                             | Seal on both sides |
| Sealing type                        | Triple-lip         |

| Dimensions                   |       |
|------------------------------|-------|
| Bore diameter                | 60 mm |
| Outside diameter             | 90 mm |
| Width                        | 44 mm |
| Width outer ring             | 36 mm |
| Angle of tilt                | 6 °   |
| Raceway diameter inner ring  | 80 mm |
| Chamfer dimension bore       | 1 mm  |
| Chamfer dimension outer ring | 1 mm  |
| Width, inner ring            | 44 mm |
| Width, outer ring            | 36 mm |

| Abutment dimensions       |         |
|---------------------------|---------|
| Abutment diameter shaft   | 66.5 mm |
| Abutment diameter shaft   | 66.8 mm |
| Abutment diameter housing | 80 mm   |
| Abutment diameter housing | 84 mm   |
| Fillet radius shaft       | 1 mm    |
| Fillet radius housing     | 1 mm    |

| Calculation data             |                       |
|------------------------------|-----------------------|
| Basic dynamic load rating    | 695 kN                |
| Basic static load rating     | 1160 kN               |
| Specific dynamic load factor | 300 N/mm <sup>2</sup> |
| Specific static load factor  | 500 N/mm <sup>2</sup> |

| Performance               |         |
|---------------------------|---------|
| Basic dynamic load rating | 695 kN  |
| Basic static load rating  | 1160 kN |

| Properties                          |                    |
|-------------------------------------|--------------------|
| Sliding contact surface combination | Steel/PTFE fabric  |
| Material, inner ring                | Bearing steel      |
| Material, outer ring                | Bearing steel      |
| Maintenance                         | Maintenance-free   |
| Sealing                             | Seal on both sides |
| Sealing type                        | Triple-lip         |
| Relubrication feature               | Without            |

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

|                    |             |
|--------------------|-------------|
| Product net weight | 0.98 kg     |
| eClass code        | 23-05-01-06 |
| UNSPSC code        | 31171515    |

**SKF drawings**