



SKF GE 50 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	50 mm
Outside diameter	75 mm
Width	35 mm
Width outer ring	28 mm
Angle of tilt	6 °
Raceway diameter inner ring	66 mm
Chamfer dimension bore	0.6 mm
Chamfer dimension outer ring	1 mm
Width, inner ring	35 mm
Width, outer ring	28 mm

Abutment dimensions	
Abutment diameter shaft	54.5 mm
Abutment diameter shaft	56 mm
Abutment diameter housing	66.5 mm
Abutment diameter housing	70.5 mm
Fillet radius shaft	0.6 mm
Fillet radius housing	1 mm

Calculation data	
Basic dynamic load rating	440 kN
Basic static load rating	735 kN
Specific dynamic load factor	300 N/mm ²
Specific static load factor	500 N/mm ²

Performance	
Basic dynamic load rating	440 kN
Basic static load rating	735 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	0.54 kg
eClass code	23-05-01-06
UNSPSC code	31171515

SKF drawings