



SKF GE 12 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	12 mm
Outside diameter	22 mm
Width	10 mm
Width outer ring	7 mm
Angle of tilt	10 °
Raceway diameter inner ring	18 mm
Chamfer dimension bore	0.3 mm
Chamfer dimension outer ring	0.3 mm
Width, inner ring	10 mm
Width, outer ring	7 mm
Abutment dimensions	
Abutment diameter shaft	13.8 mm
Abutment diameter shaft	15 mm
Abutment diameter housing	17.1 mm
Abutment diameter housing	20.4 mm
Fillet radius shaft	0.3 mm
Fillet radius housing	0.3 mm
Calculation data	
Basic dynamic load rating	10.8 kN
Basic static load rating	54 kN
Specific dynamic load factor	100 N/mm ²
Specific static load factor	500 N/mm ²
Material constant	330
Performance	
Basic dynamic load rating	10.8 kN
Basic static load rating	54 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	0.016 kg
eClass code	23-05-01-06
UNSPSC code	31171515

SKF drawings

