

SKF GE 10 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	10 mm
Outside diameter	19 mm
Width	9 mm
Width outer ring	6 mm
Angle of tilt	12 °
Raceway diameter inner ring	16 mm
Chamfer dimension bore	0.3 mm
Chamfer dimension outer ring	0.3 mm
Width, inner ring	9 mm
Width, outer ring	6 mm
Abutment dimensions	
Abutment diameter shaft	11.7 mm
Abutment diameter shaft	13.2 mm
Abutment diameter housing	15.2 mm
Abutment diameter housing	17.5 mm
Fillet radius shaft	0.3 mm
Fillet radius housing	0.3 mm
Calculation data	
Basic dynamic load rating	8.15 kN
Basic static load rating	40.5 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	8.15 kN
Basic static load rating	40.5 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	0.011 kg
eClass code	23-05-01-06
UNSPSC code	31171515

SKF drawings

