



SKF GE 8 C

Radial spherical plain bearing, maintenance-free, metric sizes

These spherical plain bearings have a steel/PTFE sintered bronze contact surface combination and are maintenance-free. The sliding surfaces have to be externally protected from contaminants. These bearings are also available with a wider inner ring and a larger outside diameter (suffix GEH), which enable higher load ratings and larger tilt angles.

Technical specifications

General	
Maintenance	Maintenance-free
Sliding contact surface combination	Steel/PTFE sintered bronze
Material, inner ring	Bearing steel
Material, outer ring	Steel
Sealing	Without

Dimensions	
Bore diameter	8 mm
Outside diameter	16 mm
Width	8 mm
Width outer ring	5 mm
Angle of tilt	15 °
Raceway diameter inner ring	13 mm
Chamfer dimension bore	0.3 mm
Chamfer dimension outer ring	0.3 mm
Width, inner ring	8 mm
Width, outer ring	5 mm

Abutment dimensions	
Abutment diameter shaft	9.4 mm
Abutment diameter shaft	10.2 mm
Abutment diameter housing	12.3 mm
Abutment diameter housing	14.6 mm
Fillet radius shaft	0.3 mm
Fillet radius housing	0.3 mm

Calculation data	
Basic dynamic load rating	5.85 kN
Basic static load rating	14.6 kN
Specific dynamic load factor	100 N/mm ²
Specific static load factor	250 N/mm ²
Material constant	1400

Performance	
Basic dynamic load rating	5.85 kN
Basic static load rating	14.6 kN

Properties	
Sliding contact surface combination	Steel/PTFE sintered bronze
Material, inner ring	Bearing steel
Material, outer ring	Steel
Maintenance	Maintenance-free
Sealing	Without
Relubrication feature	Without

Logistics	
Product net weight	0.0066 kg

eClass code	23-05-01-06
UNSPSC code	31171515

