



SKF GE 20 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	20 mm
Outside diameter	35 mm
Width	16 mm
Width outer ring	12 mm
Angle of tilt	9 °
Raceway diameter inner ring	29 mm
Chamfer dimension bore	0.3 mm
Chamfer dimension outer ring	0.3 mm
Width, inner ring	16 mm
Width, outer ring	12 mm

Abutment dimensions	
Abutment diameter shaft	21.8 mm
Abutment diameter shaft	24.2 mm
Abutment diameter housing	27.6 mm
Abutment diameter housing	33.4 mm
Fillet radius shaft	0.3 mm
Fillet radius housing	0.3 mm

Calculation data	
Basic dynamic load rating	31.5 kN
Basic static load rating	78 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	31.5 kN
Basic static load rating	78 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	0.0645 kg

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

SKF drawings