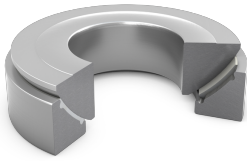


SKF GX 30 F

Thrust spherical plain bearing, maintenance-free, metric sizes



Thrust spherical plain bearings are designed to accommodate axial and combined radial and axial loads. This specific design includes a steel/PTFE FRP sliding contact surface combination that is maintenance-free. However, relubrication, which can be applied from both sides, can extend bearing service life.

Technical specifications

General	
Sliding contact surface combination	Steel/PTFE FRP
Material, shaft washer	Bearing steel
Material, housing washer	Bearing steel
Relubrication feature	Without
Sealing	Without

Dimensions	
Bore diameter	30 mm
Outside diameter	75 mm
Height	26 mm
Angle of tilt	3.7 °
Raceway diameter inner ring (sphere diameter shaft washer)	82 mm
Outside diameter inner ring (shaft washer)	70 mm
Bore diameter outer ring (housing washer)	42 mm
Height inner ring (shaft washer)	19 mm
Height outer ring (housing washer)	19 mm
Chamfer dimension	1 mm
Distance sphere diameter centre - shaft washer back face (large inner ring side face)	17.5 mm
Height, total	26 mm
Height, shaft washer	19 mm
Height, housing washer	19 mm

Abutment dimensions	
Abutment diameter shaft	56 mm
Abutment diameter housing	59 mm
Fillet radius	1 mm

Calculation data	
Basic dynamic load rating - axial direction	95 kN
Basic static load rating - axial direction	153 kN
Specific dynamic load factor	50 N/mm ²
Specific static load factor	80 N/mm ²
Material constant	670

Performance	
Basic dynamic load rating	95 kN
Basic static load rating	153 kN

Properties	
Sliding contact surface combination	Steel/PTFE FRP
Material, shaft washer	Bearing steel
Material, housing washer	Bearing steel
Maintenance	Maintenance-free
Sealing	Without
Relubrication feature	Without

Logistics	
Product net weight	0.623 kg
eClass code	23-05-01-06
UNSPSC code	31171515

SKF drawings