



SKF GEH 30 ESX-2LS

SKF Explorer radial spherical plain bearing, virtually maintenance-free, sealed, m

These radial spherical plain bearings have an SKF Explorer steel/steel sliding contact surface combination. They are initially lubricated and have a triple-lip, heavy-duty contact seal on both sides. Compared to conventional steel/steel bearings, they have increased dynamic load ratings. Compared to the GE series, they have a wider inner ring and a larger outside diameter, which enable higher load ratings and larger tilt angles.

Technical specifications

General	
Maintenance	Virtually maintenance-free
Sliding contact surface combination	Steel/steel, SKF Explorer
Material, inner ring	Bearing steel
Material, outer ring	Bearing steel
Sealing	Seal on both sides
Sealing type	Triple-lip

Dimensions	
Bore diameter	30 mm
Outside diameter	55 mm
Width	32 mm
Width outer ring	20 mm
Angle of tilt	17 °
Raceway diameter inner ring	47 mm
Width annular lubrication groove at outer ring	3.8 mm
Width annular lubrication groove at inner ring	4 mm
Diameter lubrication hole (outer ring)	2.5 mm
Chamfer dimension bore	0.6 mm
Chamfer dimension outer ring	1 mm
Width, inner ring	32 mm
Width, outer ring	20 mm

Abutment dimensions	
Abutment diameter shaft	33.7 mm
Abutment diameter shaft	34.4 mm
Abutment diameter housing	48.5 mm
Abutment diameter housing	50.9 mm
Fillet radius shaft	0.6 mm
Fillet radius housing	1 mm

Calculation data	
Basic dynamic load rating	120 kN
Basic static load rating	400 kN
Specific dynamic load factor	150 N/mm ²
Specific static load factor	500 N/mm ²
Material constant	330

Performance	
Basic dynamic load rating	120 kN
Basic static load rating	400 kN
SKF performance class	SKF Explorer

Properties	
Sliding contact surface combination	Steel/steel, SKF Explorer
Material, inner ring	Bearing steel
Material, outer ring	Bearing steel
Maintenance	Virtually maintenance-free

Radial internal clearance	CN
Sealing	Seal on both sides
Sealing type	Triple-lip
Relubrication feature	With

Logistics	
Product net weight	0.284 kg
eClass code	23-05-01-06
UNSPSC code	31171515

SKF drawings

