

Gets it across!

| Loewe® GK |



Design for Advantage

When it comes to the accurate transmission of pure linear motion, the Loewe® GK is ahead of the crowd. The Loewe® GK is axially fixed and offers generous angular compensation without changing its length.

I Loewe® GK I

The axially fixed Loewe® GK can be used for applications transmitting torque where the coupling also must resist axial motion. Due to the axial stiffness, Loewe® GK also ensures the precise transmission of push-pull loads. Loewe® GK combines the technical features of a single universal joint and a shaft coupling. As a result, Loewe® GK builds very short. The crossed pins slide easily in the bearings, which allow a pivotal and radial displacement of the two anodized aluminum hubs with lowest side and bearing loads.



The axial stiffness makes Loewe® GK suitable for axially unrestricted shafts.

The Loewe® GK can be found in a variety of applications such as pick-and-place machines, printed circuit board machines or for valve triggering.

Axially fixed

This design ensures the resistance to axial motion. As a result, the coupling can be used as a solid bearing.

High axial stiffness

High strength aluminum ensures precise transmission of pure linear push and pull loads.

Compact design

Radial and angular misalignment is compensated without deformation in a very short envelope.

High performance bearings

Loewe® GK contains advanced-performance plain bearings which are maintenance free and suitable for use in high temperatures.

Application optimized

Clamp hubs are standard for torque applications. For linear systems threaded hubs are available.

Anodized hubs

The aluminum hubs are anodized providing high clamping force and excellent protection against corrosion.

Torque



Linear

Torque

The Loewe® GK series for applications that on one hand must transmit torque and on the other hand has to resist axial motion. By design, the Loewe® GK Torque series accommodates generous angular and parallel misalignments also under axial force.

Torque (T_{KN})

up to 220 Nm

Maximum radial shaft misalignment

Up to 2.5 mm

Clamp hub bore sizes

up to 50 mm

Outer diameter

27 mm to 100 mm

Linear

The Loewe® GK series for applications purely transmitting push-pull loads. The Loewe® GK Linear series is available with inner and outer threads.

Axial loads

Up to 13,000 N

Maximum radial shaft misalignment

Up to 2.5 mm

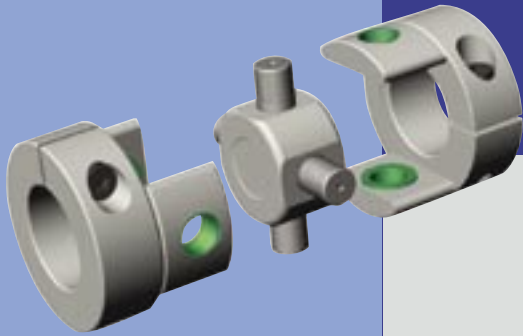
Thread diameter

Up to size M27

Outer diameter

27 mm to 100 mm

I Loewe® GK I



Global Partners

For over 40 years our clients, dealers and suppliers around the world have placed their trust in us, our products and our services.

At SCHMIDT-KUPPLUNG GmbH we place great importance in continuing this tradition.

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