

Lid hinge

For lid weights up to 10Kg

Applications

- ✓ Lids
- Washing machines
- Tops
- Kitchens

Geometry

- ✓ Footprint: \varnothing, L
- Fulcrum position: on the longitudinal axial
- Parallel dimension (between base and receiver): Q

Technical features

- ✓ Fulcrum position - Rotation on the longitudinal axial
- Parallel dimension (between base and receiver) Q: 3mm
- Footprint: $\varnothing=18.5\text{mm}, L=227\text{mm}$
- Type of fixing: sliding inside the housing

Functionality

- ✓ Rotation: 0 - 100°
- Balancing: 60 - 90°
- Closing forces: 12 - 20N depending on the application and customer needs
- Pre-load position: available at 100°

Removability

- ✓ Sliding outside in axial direction from the housing

Performance

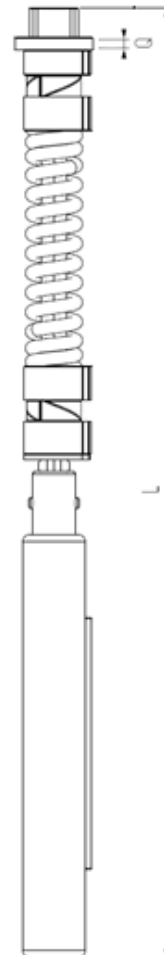
- ✓ Operating temperature: 120°C
- Dynamic test: till 20k cycles
- Soft close: from 60 to 0°

Compliance

- ✓ Hinge complies with VDE anti-crushing regulations
- Possibility to install two springs in series for heavy lid weights

Receiver

- ✓ Possibility for the customer to define his own receiver or integrate it with the oven structure



2D Drawing

The following drawing shows the main functional dimensions.
Possibility of customized designs based on customer needs

