

Single fulcrum hinge

For door weights up to 20Kg

Applications

✓
Ovens

Geometry

✓
Footprint: W, H, L
Fulcrum position (respect to the base): X, Y
Parallel dimension (between base and receiver): Q

Technical features

✓
Fulcrum position - Rotation X=26.1mm Y=9mm
Parallel dimension (between base and receiver) Q: 12.2mm
Footprint: W=31mm, H=34.2mm, L=287mm
Type of fixing: upper (availability of frontal holes)

Functionality

✓
Balancing:
15°/25° - 0° soft closing
15°/25° - 60°/70° balancing
60°/70° - 87° soft opening
Closing Forces: 30 - 50N depending on the application and customer needs
Pre-load position: available at 45°

Removability

✓
Using the extraction hook with the door open

Performance

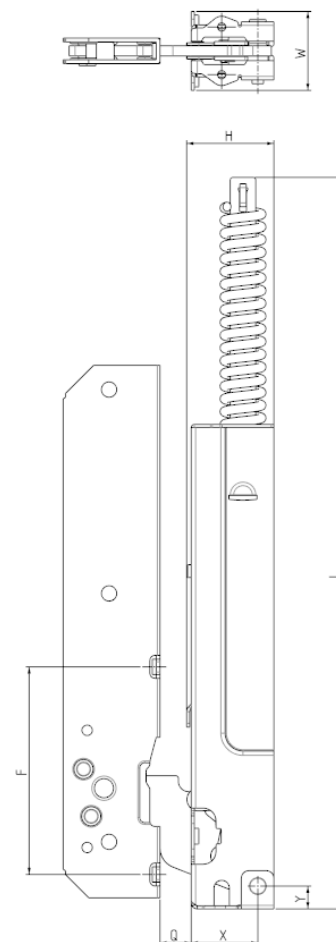
✓
Operating temperature: 130°C
Resistance to static load: till 36Kg
Dynamic test: till 25k cycles

Compliance

✓
Hinge complies with VDE anti-crushing regulations

Receiver

✓
Distance between holes for fixing F= 81.5mm
Possibility of lateral fixings: no
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

