

## ROTOR-STATOR RANGE

### Position Control Torque Butt-Hinge

Adjustable Torque Function

#### Features

- Torque position control hinge
- Range of motion (ROM): Full 270° rotation
  - Free swing - The operational load is borne solely by the torque (friction-fit) mechanism throughout the hinge's full 270° range of motion
- Rotary-static design (rotor-stator):
  - Rotor - Rotating (moving) "hinge"/leaf component (door)
  - Stator - Stationary (non-moving) "lid"/leaf component (enclosure)
- Torque specifications: Adjustable torque range  $\leq 5$  Nm (approx.)
- Torque function: Symmetric
- Torque adjustment: Adjustable *(via a Phillips head screwdriver)*
- Operating temperature: -5°C to 60°C
- Easy installation: Front fixing holes
- Application: Suits both left hand and right hand install orientations



#### Dimensions, Material & Finish

- Hinge body: Polyamide nylon, black
- Dynamic pin: Polycarbonate
- Base dimensions: 63.5mm (L) x 57mm (W) x 19mm (H)
- Mounting holes: Ø6.5mm (dia) x 4 (qty)

#### Remarks

- Alternative sizes (mm), torque specifications (Nm), materials and/or finishes may be available upon request *(subject to additional costs, MOQ's and lead times)*

| Part Number | Description                        | Range Of Motion   | Torque Specification       | Dimensions    |
|-------------|------------------------------------|-------------------|----------------------------|---------------|
| TH2112-1    | Position Control Torque Butt-Hinge | 270°   Free Swing | Adj. Torque (Friction-Fit) | 63.5mm x 57mm |

#### Technical Drawings

