

TORQUE DAMPER UDH-16N



Video Link



- Patented technology allows compact design.
- Can be used as a single unit.
- Keeps lids / doors from slamming shut.
- Left-handed and right-handed can be distinguished according to the colour and shape of shaft.
- With marking colour at shaft to recognise the torque moment.
- Ideal for applications requiring flap slow down. Helps prevent noise and impact.

TORQUE HINGES

DAMPER HINGES

LIFT ASSIST HINGES

DETENT HINGES

CONCEALED HINGES

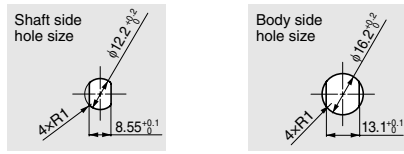
BUTT HINGES

PIANO HINGES

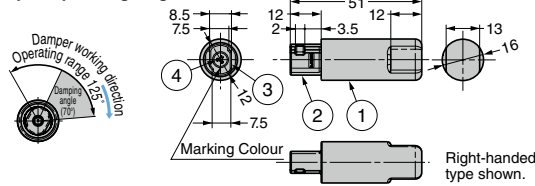
STEP HINGES

LIFT-OFF HINGES

[Cut Out Dimensions]



Damper Operating Angle



Right-handed: damper works when the shaft is turned clockwise (this figure)

Left-handed: damper works when the shaft is turned counterclockwise (symmetrical to this figure)

| RHS | CAD | Item Code | Item Name | Type | Damper Working Direction | Marking Colour | Torque N·m/pc | Torque kgf·cm/pc | Weight (g) | Carton (pcs) |
|-----|-----|-------------|------------|--------------|--------------------------|----------------|---------------|------------------|------------|--------------|
| | | 170-090-833 | UDH-16NAMs | Left-handed | Counterclockwise | Blue | 1.7~2.4 | 17.3~24.5 | 25 | 200 |
| | | 170-090-834 | UDH-16NBMS | Right-handed | Clockwise | | | | | 200 |
| | | 170-090-835 | UDH-16NAHS | Left-handed | Counterclockwise | Red | 2.2~3 | 22.4~30.6 | | 200 |
| | | 170-090-836 | UDH-16NBHS | Right-handed | Clockwise | | | | | 200 |

[Applications]

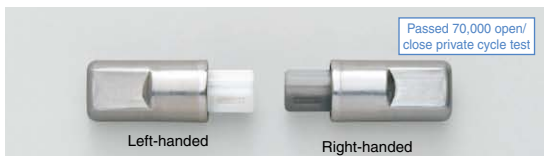
- Toilet seat / lid, cover for maintenance, etc.

[Remarks]

- When mounting on sheet metal, ensure the edge of the plate is rounded to prevent damage to the damper.
- Do not apply any vertical load on the shaft.

| No. | Part Name | Material | Finish / Colour |
|-----|------------|-----------------|--|
| ① | Body | Stainless Steel | — |
| ② | Shaft | PBT | Left-handed: Natural, Right-handed: Grey |
| ③ | Cover Ring | PPS | Black |
| ④ | Screw | Stainless Steel | — |

TORQUE DAMPER UDH-14



Video Link



- Patented technology allows compact design.
- Can be used as a single unit.
- Keeps lids / doors from slamming shut.
- Left-handed and right-handed can be distinguished according to the colour and shape of shaft.
- With marking colour at shaft to recognise the torque moment.
- Excellent in corrosion resistance and rigidity due to stainless steel body.
- Ideal for applications requiring flap slow down. Helps prevent noise and impact.

PIVOT HINGES

SPRING HINGES

CLEAN ROOM HINGES

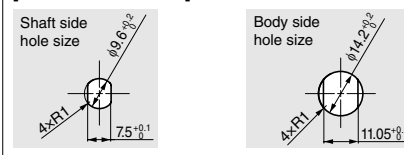
HINGES FOR ALUMINIUM FRAME

DROP HINGES

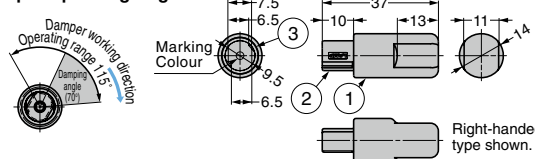
GLASS DOOR HINGES

SPECIAL HINGES

[Cut Out Dimensions]



Damper Operating Angle



Right-handed: damper works when the shaft is turned clockwise (this figure)

Left-handed: damper works when the shaft is turned counterclockwise (symmetrical to this figure)

[Applications]

- Toilet seat / lid, cover for maintenance, etc.

[Remarks]

- When mounting on sheet metal, ensure the edge of the plate is rounded to prevent damage to the damper.
- Do not apply any vertical load on the shaft.

| No. | Part Name | Material | Finish / Colour |
|-----|------------|-----------------|--|
| ① | Body | Stainless Steel | — |
| ② | Shaft | PBT | Left-handed: Natural, Right-handed: Grey |
| ③ | Cover Ring | POM | Black |

| RHS | CAD | Item Code | Item Name | Type | Damper Working Direction | Marking Colour | Torque N·m/pc | Torque kgf·cm/pc | Weight (g) | Box (pcs) |
|-----|-----|-------------|-----------|--------------|--------------------------|----------------|---------------|------------------|------------|-----------|
| | | 170-028-472 | UDH-14ALS | Left-handed | Counterclockwise | Purple | 0.5~0.8 | 5.1~8.2 | 10 | 400 |
| | | 170-028-473 | UDH-14BLS | Right-handed | Clockwise | | | | | 400 |
| | | 170-017-538 | UDH-14AMS | Left-handed | Counterclockwise | Blue | 0.8~1.5 | 8.2~15.3 | | 400 |
| | | 170-017-539 | UDH-14BMS | Right-handed | Clockwise | | | | | 400 |
| | | 170-024-697 | UDH-14ATS | Left-handed | Counterclockwise | Purple | 1.5~2.0 | 15.3~20.4 | | 400 |
| | | 170-025-678 | UDH-14BTS | Right-handed | Clockwise | | | | | 400 |