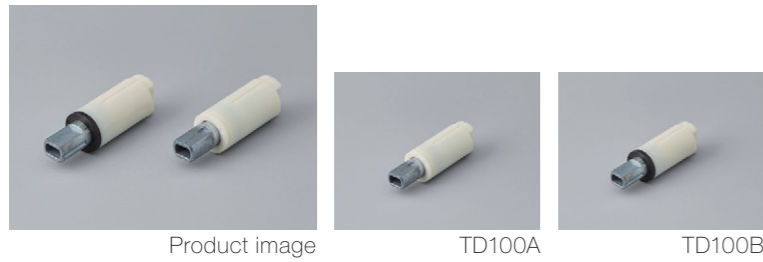


## Product lineup



### Features

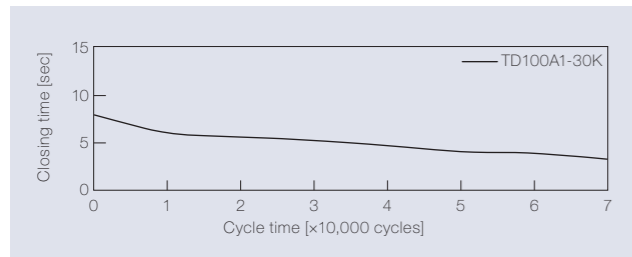
- High torque with  $\varnothing 16$  mm damper (Up to 3 N·m)
- High rigidity achieved by the use of zinc alloy for the shaft
- Adding an option, quick release system: SR14, makes it easy to attach/detach the rotary damper

Product name	Torque [N·m] (lbf·in)	Damping direction	Cap color
TD100A1-10K	1.0 (8.85)	CW	Natural
TD100A1-15K	1.5 (13.28)		
TD100A1-20K	2.0 (17.70)		
TD100A1-25K	2.5 (22.13)		
TD100A1-30K	3.0 (26.55)		

Product name	Torque [N·m] (lbf·in)	Damping direction	Cap color
TD100B1-10K	1.0 (8.85)	CCW	Black
TD100B1-15K	1.5 (13.28)		
TD100B1-20K	2.0 (17.70)		
TD100B1-25K	2.5 (22.13)		
TD100B1-30K	3.0 (26.55)		

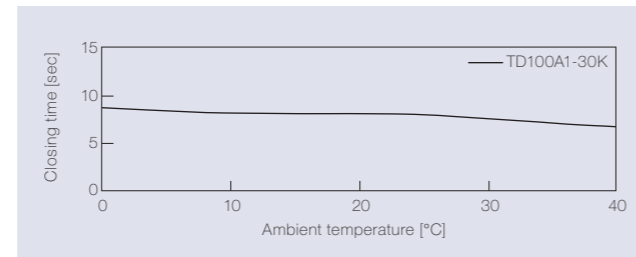
## Product specifications

### Durability



Torque	3.0 N·m (26.55 lbf·in)
Radial load	N/A
Angle range of closing time	70 to 0 deg.
Temperature	23 ± 2°C (73.4 ± 35.6°F)
Durability	70,000 cycles

### Temperature characteristics



Measured according to the performance management testing method shown below after leaving in each designated ambient temperature for over one hour.

### Performance management testing method

As the torque of partial rotation angle dampers is not consistent, the closing time measurement jig is used for the performance tests.

[Operation during measurement]

(Secures the housing of a rotary damper and moves its shaft)

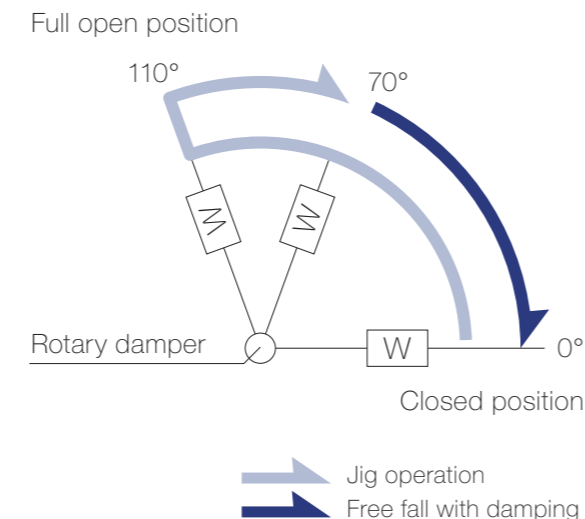
All rotary dampers are managed by the following closing time test.

Test mode [110° → 70° (Pause) → (Free fall with damping) → 0°]

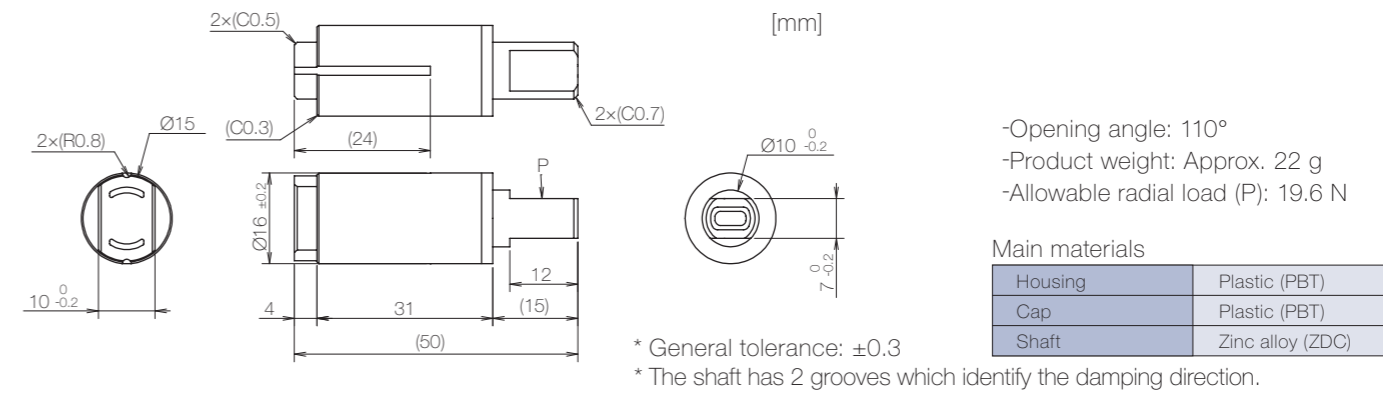
\* Horizontal plane: 0°

Inspection specification before shipping

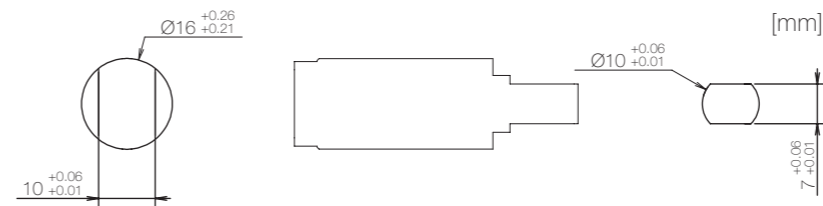
Type	Preset torque [N·m] (lbf·in)	Closing time
10K	1.0 (8.85)	3 to 12 sec
15K	1.5 (13.28)	
20K	2.0 (17.70)	
25K	2.5 (22.13)	
30K	3.0 (26.55)	



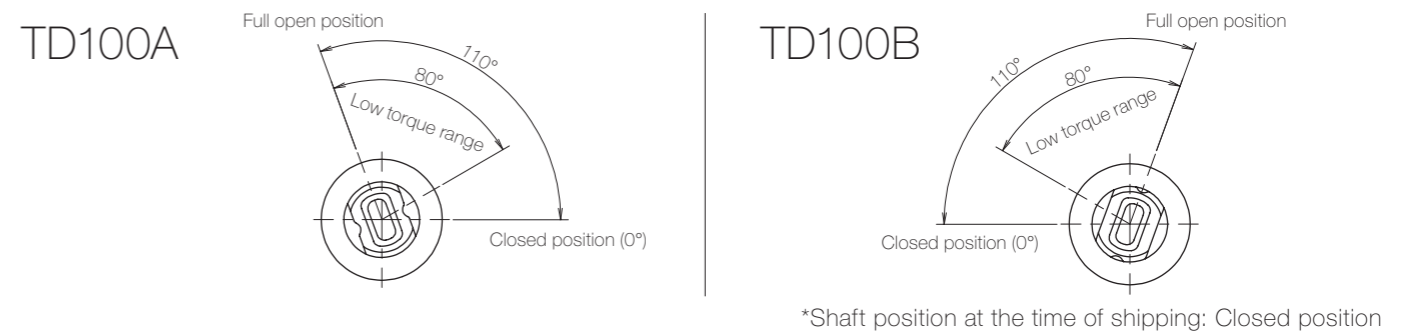
## Product information



## Dimensions related to mounting

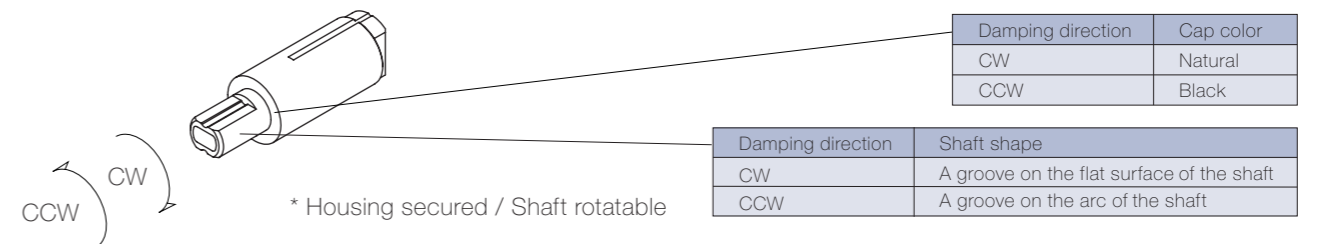


## Opening angle



## Damping directions

### Rotation directions of the shaft to which torque is applied



## Option (SR14)

