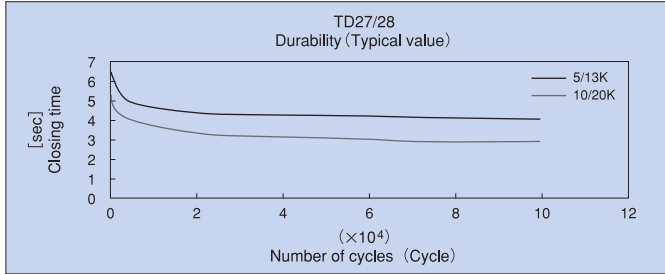


ROTARY DAMPERS

DURABILITY

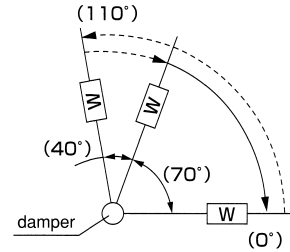
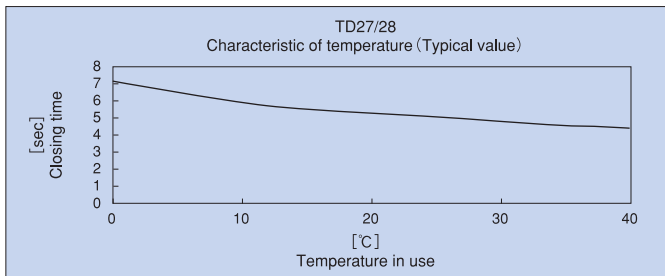
Each damper is set-up with an applied torque and weight on the shaft of the testing device. Measurements for closing time are taken under above condition.



Operation angle	110°	
Durability	100,000cycles	
Closing time	Applied torque	Initial value
	1.27N·m (13kgf·cm)	3.5~15.0 (sec)
	1.96N·m (20kgf·cm)	3.5~15.0 (sec)

TEMPERATURE CHARACTERISTICS

After the damper is stabilized at room temperature for 1 hour or more, the closing time is measured using a TOK made device.



TEST CONDITION

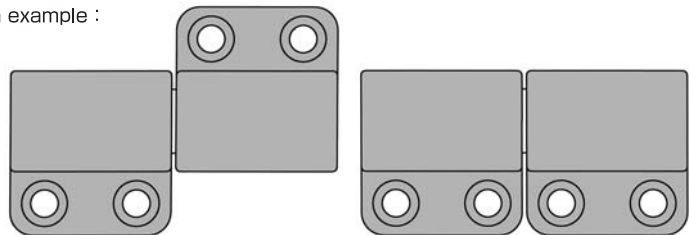
- ① Setting-up time : 15sec/cycle
- ② Applied torque :
1.27N·m (13kgf·cm)
1.96N·m (20kgf·cm)
- ③ Temp : 23°C ± 2°C
- ④ Angle for measuring the closing time : 70° → 0°
- ⑤ Radial force : nothing
- ⑥ Closing time after durability test : 1.5 sec or more

TD27/28 Bracket (Option)

Combination of TD27(orTD28)and the optional bracket are used to from a hinge-shaped damper.



Combination example :



The bracket cap can be removed for use on either the right side fit or left side fit. To insure optimum cap condition, removal of the cap should be kept to a minimum.

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Product specification are subject to change without prior notice.

Before assembly or use of any bearing, please read "Caution for Use"