

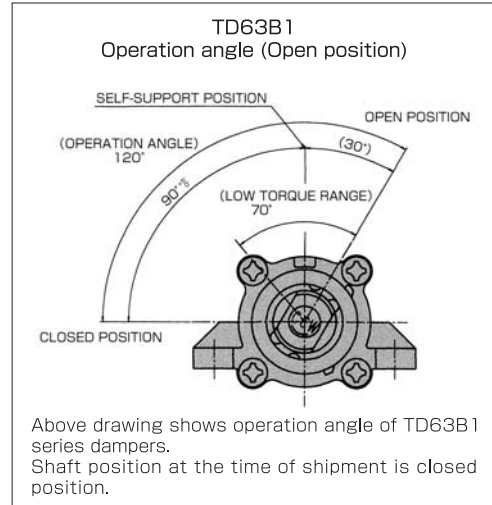
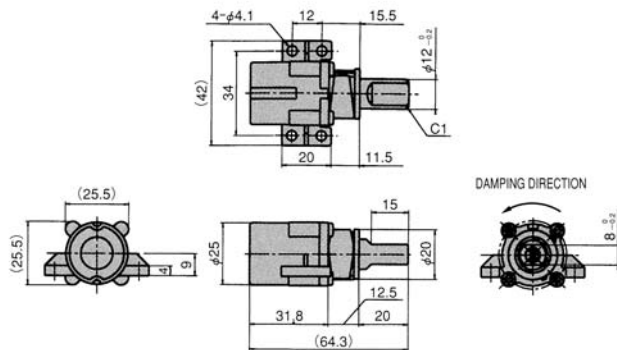
# ROTARY DAMPERS

## TD63 SERIES



### FEATURES

- RoHS compliance
- These dampers are equipped with a self-supporting system, thus holding the damper at a fixed angle.



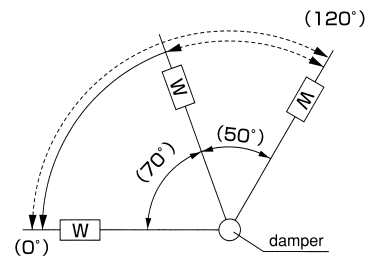
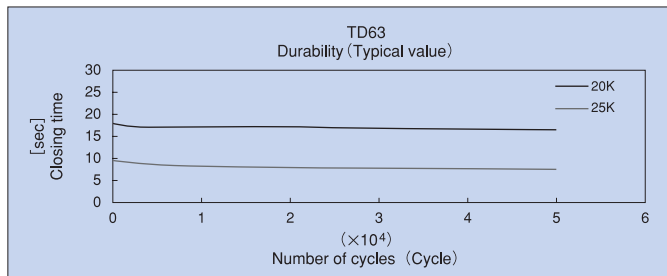
※TD63A1 SERIES DAMPERS(CW) can be supplied.  
Please ask our engineer for further information.  
※Torque of self-support system : 0.98N·m or more  
Unless the shaft position is operated to open position the self-support system does not function.

Code	Part No.	Allowable Torque [N·m] (Kgf·cm)	Direction
606301	TD63B1-15K	[1.47] (15)	CCW (L)
606300	TD63B1-20K	[1.96] (20)	CCW (L)
606302	TD63B1-25K	[2.45] (25)	CCW (L)

Operation angle	120°	
Durability	50,000cycles	
Closing time	Applied torque	Initial value
	1.47N·m (15kgf·cm)	5~20 (sec)
	1.96N·m (20kgf·cm)	5~20 (sec)
	2.45N·m (25kgf·cm)	5~20 (sec)

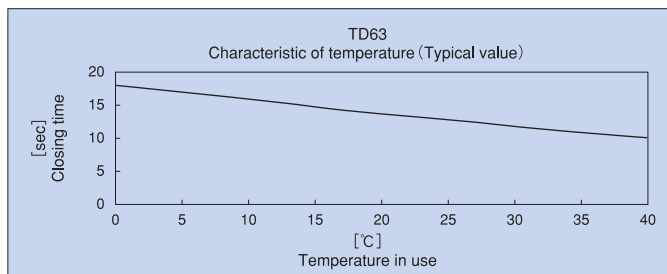
### DURABILITY

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.



### 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

- ①Setting-up time : 20sec/cycle
- ②Applied torque :  
1.47N·m (15kgf·cm)  
1.96N·m (20kgf·cm)  
2.45N·m (25kgf·cm)
- ③Temp : 23°C±2°C
- ④Angle for measuring the closing time : 70°→0°
- ⑤Radial force : nothing
- ⑥Closing time after durability test : 1 sec or more

### TOK BEARING CO.,LTD.

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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"**