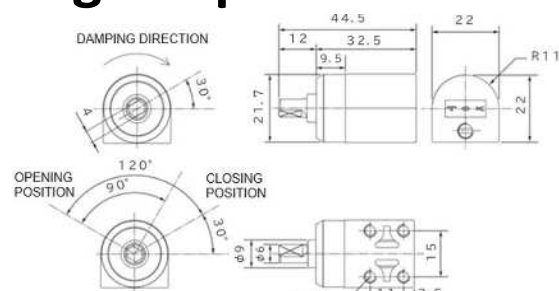


SR3 for automatically adjusting torque



BENEFIT

- Automatically adjusts torque
- Not necessary to prepare a product for each torque value
- No need for maintenance or replacement due to long life
- Rebound when overload occurs due to safety device



Type : SR3-01-A10K

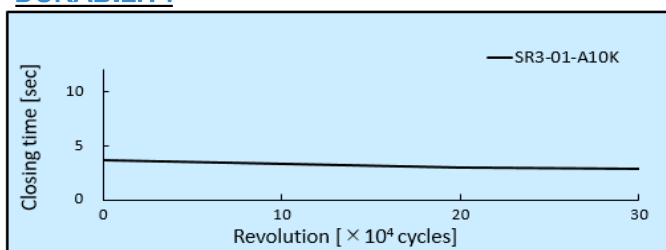
Delivery form : Shaft closed position

Code	Part No.	Torque [N·m]	Damping Direction	Durability [Cycles]	Operation Temperature [°C] (°F)
380301	SR3-01-A10K	0.8 to 1.1	CW	300,000	0 ~ 40°C (32 ~ 104°F)
380302	SR3-02-B10K	0.8 to 1.1	CCW		

MOTION

Example	Change of situation	Motion comparison	
		Standard damper	SR3
1	Bigger size	Fast closing (Submit to force)	Slow closing (Resist force)
2	Forcibly closing	Fast closing (Submit to force)	Slow closing (Resist force)

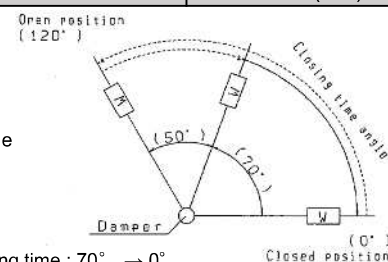
DURABILITY



Operation angle	120°	
Durability	300,000 cycles	
Closing time	Applied torque	
	Initial value	
	0.8~1.1 N·m	1.5~6.0 (sec)

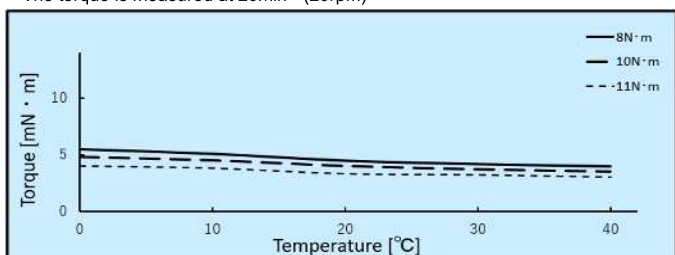
TEST CONDITION

- ① Setting-up time : 10 sec / cycle
- ② Load torque : 1.0 N·m
- ③ Temperature : 23°C ± 2°C
- ④ Angle for measuring the closing time : 70° → 0°
- ⑤ Radial force : N/A
- ⑥ Closing time after durability test : 1 sec or more



TEMPERATURE CHARACTERISTICS

The torque is measured at 20min⁻¹ (20rpm)



STANDARD COMPONENTS

Part name	Material
Housing	Zinc Die Casting
Shaft	Stainless
Cap	Zinc Die Casting
Screw	Zinc Die Casting

APPLICATION

Examples of use
Aircraft
Train toilet doors
Hatrack

TOK, Inc.

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 TEL : 81-3-3969-1584
 EMAIL : en-contact@tok-inc.com
 URL : www.tok-inc.com/en

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