



◆ Characteristics

- ✓ One way function
- ✓ Rotation direction : CW
- ✓ Simple attachment (method)
- ✓ Torque : 3 types

◆ Component parts

Part name	Material
HOUSING	PA66-GF55
SHAFT	PPS-GF60
CAP	PA66-GF55
VALVE	PA66-GF55
O-RING	VMQ
OIL	SILICONE

◆ Note

- Refrain from applying pressure to damper rotor from lateral direction.
- Refrain from using damper as stopper.
- Specifications are subject to change without notice.

◇ Part number/Specifications

● Part number	Torque	Direction	Torque [N·m]	0	0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.4
3E9A - 0.8	ON	CW	0.80 ± 0.20													
	OFF	CCW	0.40 ± 0.15													
3E9A - 1.3	ON	CW	1.33 ± 0.20													
	OFF	CCW	0.77 ± 0.15													
3E9A - 1.6	ON	CW	1.57 ± 0.20													
	OFF	CCW	0.89 ± 0.15													

● Durability

<<Torque>> CW : 0° to 110° average torque, CCW : 110° to 0° average torque

Speed : 20r/min

Conditions

1 cycle : CW 110° at 30r/min → pause / 2s → CCW 110° at 30r/min → pause / 2s

Lifetime

20,000 cycles Room temperature (23°C)

◇ Damper characteristics

● Torque characteristics

