

◆ Characteristics

- ✓ $\phi 15$ size high torque
- ✓ Torque : 3 types

◆ Component parts

Part name	Material
HOUSING	PC
ROTOR	POM
CAP	PC
GEAR	POM
O-RING	VMQ
OIL	SILICONE

◆ GEAR Specification

Item	Specification
Number of teeth	11
Tooth width	5.5
Module	0.8
Pitch circle diameter	$\phi 8.8$
Pressure angle	20°

Involute full depth

◇ Part number/Specifications

Part number	Torque [mN·m]	0	5	10	15	20	25	30	35	40	45	50	55	60	65
0M9E - 27	27.0 ± 4.0														
0M9E - 39	39.0 ± 5.0														
0M9E - 51	51.0 ± 6.0														

Speed : 20r/min

● Durability

Conditions

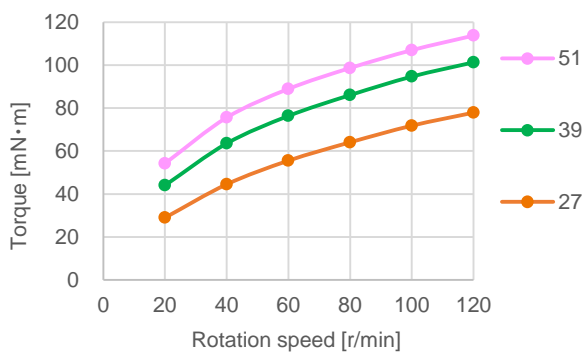
1 cycle : One rotation (3/2 turn) / 1s → pause / 1s → Reverse rotation (3/2 turn) / 1s → pause / 1s

Lifetime

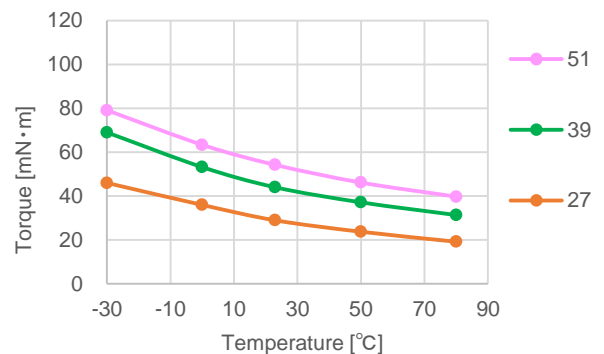
50,000 cycles Room temperature (23°C)

◇ Damper characteristics

● Rotation speed - torque characteristic (23°C)



● Temperature - torque characteristic (20r/min)



※ Specifications are subject to change without notice.