

### ◆ Characteristics

- ✓ Smallest size gear damper
- ✓ Torque : 5 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	1.8
Module	0.6
Pitch circle diameter	$\phi 6.6$
Pressure angle	20°

Involute full depth

## ◇ Part number/Specifications

● Part number	Torque [mN·m]	0	2	4	6	8	10	12	14	16	18	20	22	24	26	
29T0 - 01	0.83 ± 0.4	[Bar chart showing torque vs speed for part 01]														
29T0 - 02	1.37 ± 0.7	[Bar chart showing torque vs speed for part 02]														
29T0 - 03	2.65 ± 0.7	[Bar chart showing torque vs speed for part 03]														
29T0 - 04	3.82 ± 1.1	[Bar chart showing torque vs speed for part 04]														
29T0 - 05	4.71 ± 1.2	[Bar chart showing torque vs speed for part 05]														

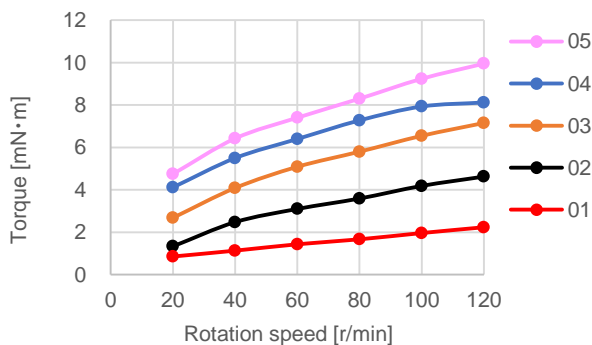
Speed : 20r/min

### ● Durability

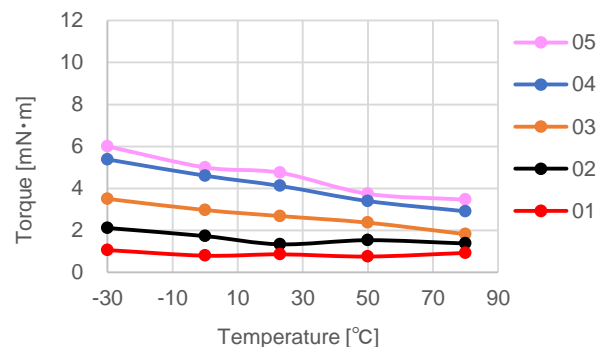
Conditions	1 cycle: One rotation(1/2 turn) / 1.5s → pause / 1s → Reverse rotation(1/2 turn) / 1.5s → pause / 1s
Lifetime	50,000 cycles      Room temperature (23°C)

## ◇ Damper characteristics

### ● Rotation speed - torque characteristic (23°C)



### ● Temperature - torque characteristic (20r/min)



※ Specifications are subject to change without notice.