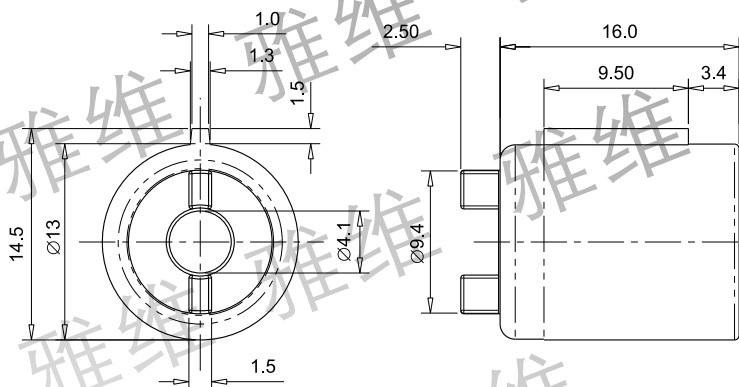
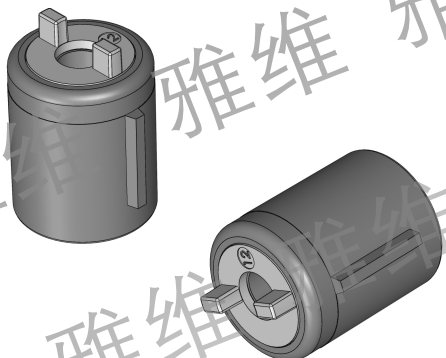




材料 Materials

名称 Description	材质 Material
外壳 Housing	PA6
转轴 Rotor	POM
油 Oil	硅油 Silicone oil

扭矩类型 Torque Type

型号 Part No.	扭矩 Torque (gf.cm/N.cm)
YD-013E-500	500±70 / 5±0.7
YD-013E-600	600±80 / 6±0.8
YD-013E-750	750±100 / 7.5±1
YD-013E-900	900±120 / 9±1.2

缓冲器耐久性 Damper Durability

- *最大使用回转速度 Max.Rotation Speed(rpm) 50
- *最大使用频率 Max.Cycle Rate(cycles/min) 10
- *使用温度范围 Operatin Temperature(°C) -30 ~ 80
- *耐久使用 Durability
50000次 (常温:23°C) 1循环=正转0.5圈 → 反转0.5圈(30rpm)
50000cycles(23°Cambient temperature)
1cycle=0.5revolutions forward(30rpm) → 0.5revolutions backward(30rpm)

备注 Remark

- ①扭矩数据为20rpm,温度为23°C。
Standard torque is decided at 20rpm and 23°C
- ②可以通过更换油的粘度提供特殊扭力定货。
Within limits different torques can viscosity oil.

缓冲器特性 Damper Characteristics

- ①.速度特性
旋转型缓冲器根据回转速度的变化,扭矩也发生变化。其变化规律为速度提高扭矩也提高,速度放慢扭矩也随之下降。起动时扭矩与标准扭矩不同。
Speed characteristics
Rotary damper torque varies according to the rotation speed.
- ②.温度特性
旋转型缓冲器根据使用环境温度的变化扭矩也发生变化。其变化规律为环境温度提高时扭矩下降,环境温度下降时扭矩升高。这是因为环境温度变化时粘性油的粘度也随之变化的缘故。但是当环境温度恢复到常温时,扭矩也会恢复到原来的数值。
Temperature characteristics
Rotary damper torque varies according to the ambient temperature. Which shows the torque change under different temperatures. This occurs because the oil viscosity varies according to the temperature. When temperature returns, the torque will return.
- 起动时扭矩与标准扭矩不同。 The starting torque is different to standard torque.