

型号Model	扭矩Rated Torque	力矩输出方向 Direction of Rotation
E10A0-B100(G1)	(1±0.5)×10 <sup>-3</sup> N·m 10±5 gf·cm	双向 Bouth Direction
E10A0-B200(G1)	(2±0.7)×10 <sup>-3</sup> N·m 20±7 gf·cm	
E10A0-B300(G1)	(3±0.8)×10 <sup>-3</sup> N·m 30±8 gf·cm	
E10A0-B400(G1)	(4±1.0)×10 <sup>-3</sup> N·m 40±10 gf·cm	
E10C0-B200(G2)	(2±0.7)×10 <sup>-3</sup> N·m 20±7 gf·cm	
E10C0-B300(G2)	(3±0.8)×10 <sup>-3</sup> N·m 30±8 gf·cm	
E10C0-B400(G2)	(4±1.0)×10 <sup>-3</sup> N·m 40±10 gf·cm	
E10C0-B600(G2)	(6±1.5)×10 <sup>-3</sup> N·m 60±15 gf·cm	
E10C0-B800(G2)	(8±2.0)×10 <sup>-3</sup> N·m 80±20 gf·cm	

注(1) 规格扭矩为每分钟30转，温度23±2℃时测定的数据；  
 注(2) 带齿轮时型号尾部加G；  
 注(3) 可以通过更换缓冲器粘性油的粘度提供特殊扭矩定制。  
 (1) standard torque 30 rotations per minute (RPM), at 23 + 2 °C temperature measurement data;  
 (2) with the gear type tail G;  
 (3) can provide special orders by changing the buffer oil viscosity.

产品描述Product Description

最大使用旋转速度：50转/分钟（1方向旋转）  
 最大使用频率：10回/分钟（1回为正360°反360°）  
 最大使用温度范围：0~ 50℃  
 本体质量：0.32g（带齿轮时0.41g）  
 产品外壳和端盖的材质：PC塑料  
 旋转轴材料：POM塑料  
 齿轮的材料：POM塑料  
 使用油：硅油  
 Maximum rotational speed is: 50 RPM (one direction)  
 The largest use frequency is: 10 / minute (1 back is 360 ° 360 °)  
 Maximum service temperature range: 0 ~ 50 °C  
 Weight : 0.32g ( with gear 0.41g)  
 Product shell and cover material: PC plastic  
 The axis of rotation: POM plastics  
 The gear material: POM plastics  
 The use of oil: Silicone oil

齿轮规格Gear Specification

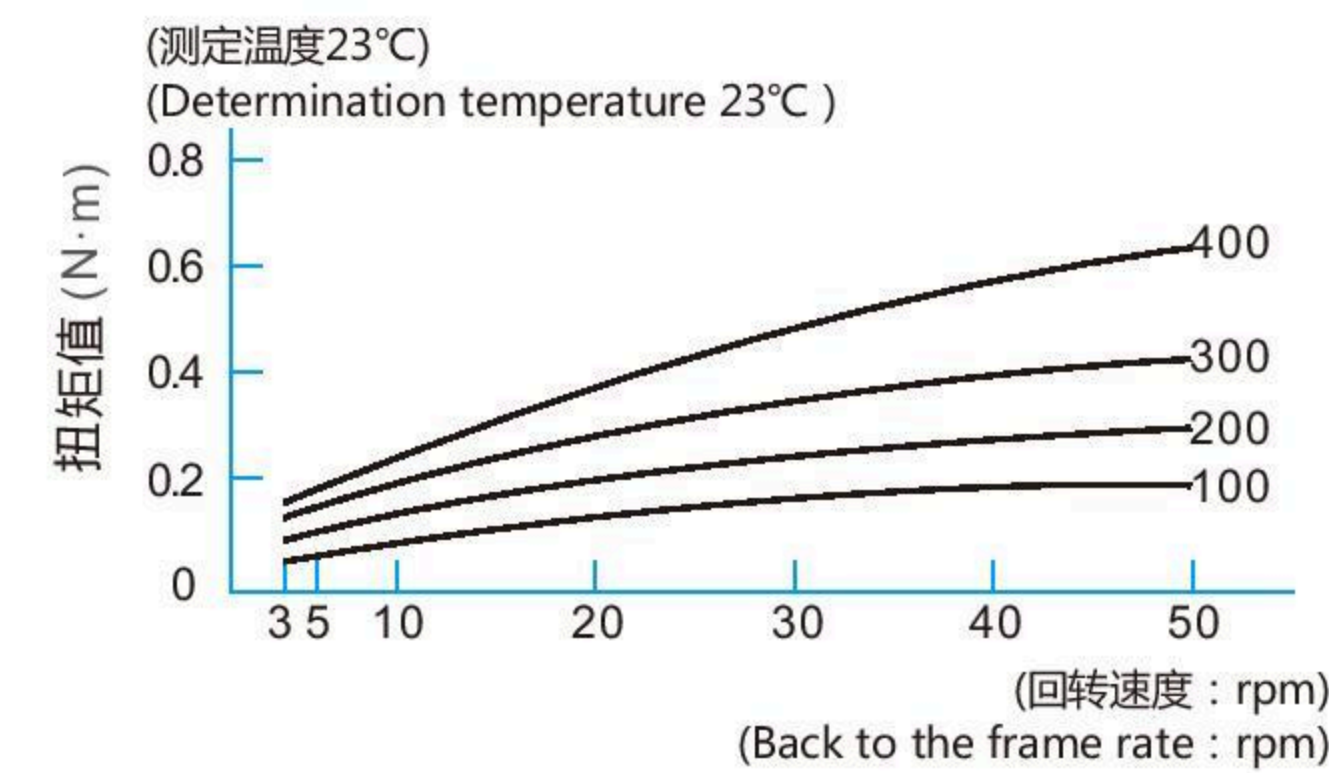
	G1(E10A0)	G2(E10C0)
齿型 Tooth type	标准平齿轮 Standard level gear	
齿形 Tooth profile	渐开线齿形 involute tooth profile	
模数 Modulus	0.6	
压力角 Pressure Angle	20°	
齿数 Number Of Teeth	10	11
基准节圆直径 Benchmark Pitch Diameter	Φ6	Φ6.6

阻尼器特性Instructions For Use

1 速度特性Speed Characteristics

旋转阻尼器根据回转速度的变化，扭矩也发生变化。其变化规律为：回转速度提高，扭矩也提高。回转速度放慢，扭矩也随之下降。启动时扭矩与标准扭矩不同。

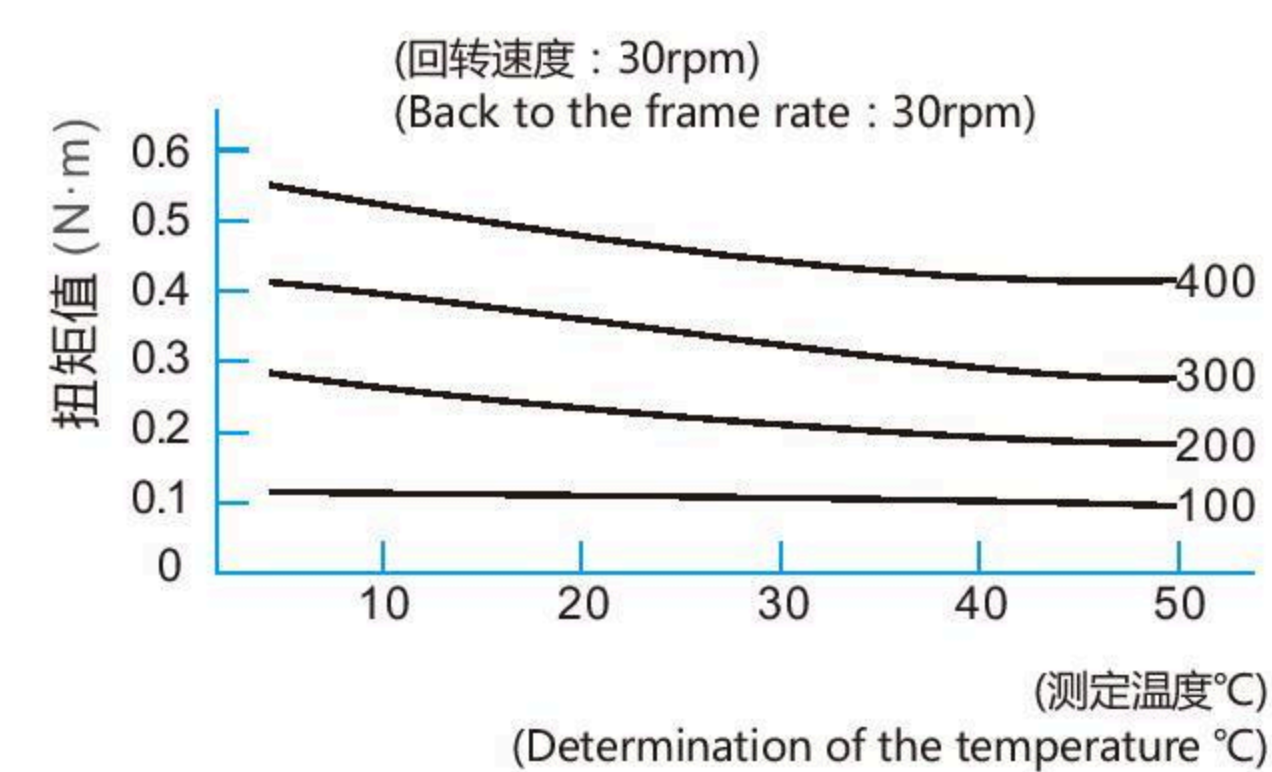
Rotary damper according to the change of rotating speed, torque is also changing. Its change rule is: speed, torque is also improved. Speed and torque. When starting torque is different from standard torque.



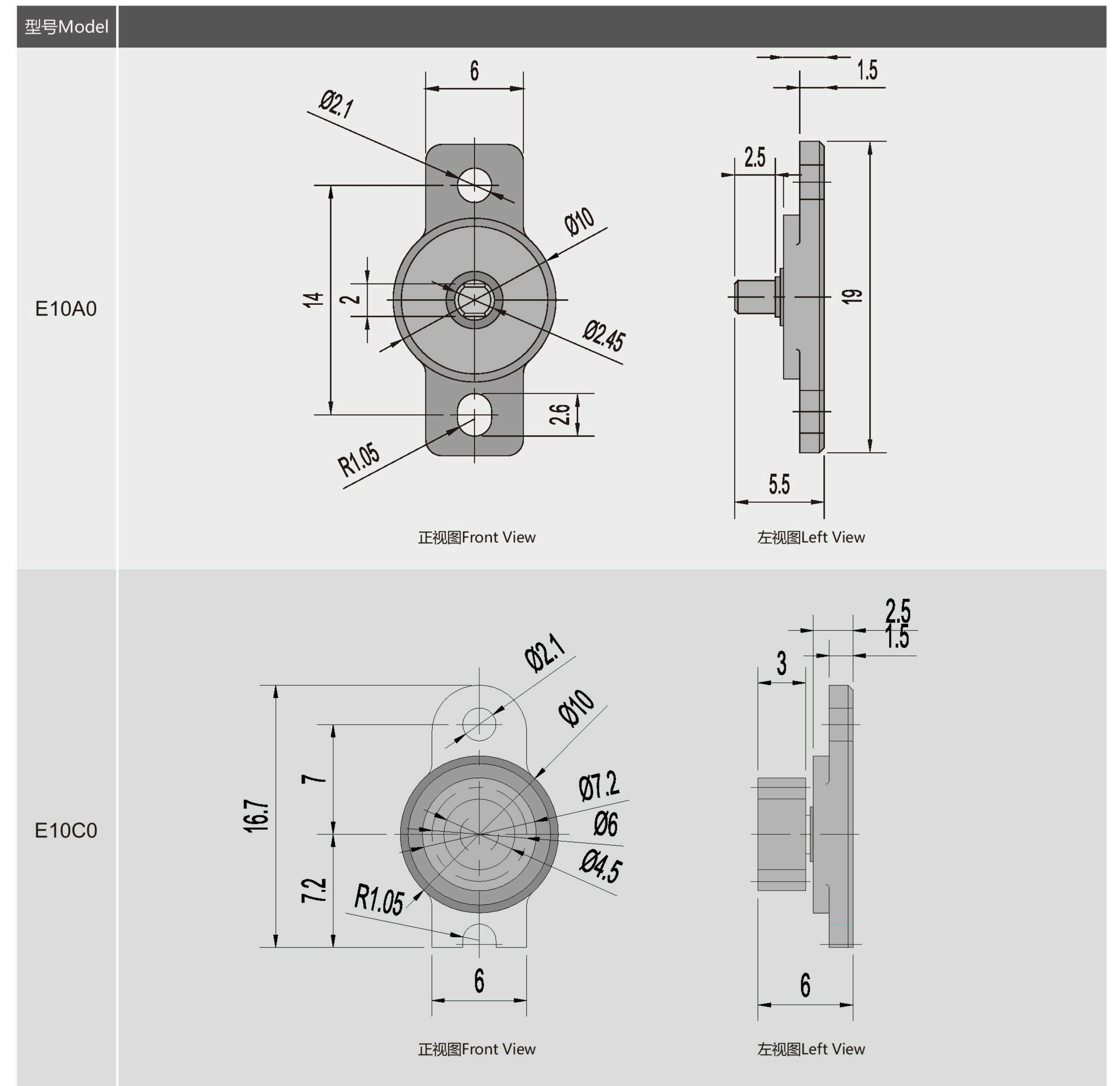
2 温度特性Temperature characteristic

旋转阻尼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：环境温度升高时扭矩下降，环境温度下降时扭矩升高。这是因为环境温度变化时，阻尼器中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。

Rotary damper according to use the change of environmental temperature, torque is also changing. Its change rule is: the environment temperature increase the torque, torque increases when the environment temperature decreases. This is because the environment temperature changes, damper in viscous oil viscosity changes. However, when the environment temperature back to normal temperature, torque will restore to its original value.



外形尺寸Outside Diagram



运用领域Using Field

车载CD，车载烟灰缸，储物盒，垃圾盒，家用CD，音响，小工具包等小型需要阻尼缓冲的场合；多用于同弹簧配合，使弹簧输出的弹力得到柔和的控制，使运动冲击减缓。

Car CD, car ashtray, storage box, a garbage box, home CD, audio, and other small tools package required damping buffer;For the same spring, the spring force to get the soft output control, the movement and the impact of slowing down.