

型号Model	扭矩Rated Torque	力矩输出方向 Direction of Rotation
E15C0(1)-B300 (G*)	(3±0.8)×10 ⁻³ N·m (30±8 gf.cm)	双向 Both directions
E15C0(1)-B500 (G*)	(5±1)×10 ⁻³ N·m (50±10gf.cm)	
E15C0(1)-B101 (G*)	(10±2)×10 ⁻³ N·m (100±20gf.cm)	
E15C0(1)-B151 (G*)	(15±3)×10 ⁻³ N·m (150±30gf.cm)	
E15C0(1)-B201 (G*)	(20±4)×10 ⁻³ N·m (200±40gf.cm)	
E15D2(3)-B150 (G*)	(1.5±0.5)×10 ⁻³ N·m (15±5gf.cm)	
E15D2(3)-B500 (G*)	(5±1)×10 ⁻³ N·m (50±10gf.cm)	
E15D2(3)-B101 (G*)	(10±1.5)×10 ⁻³ N·m (100±15gf.cm)	
E15D2(3)-B151 (G*)	(15±2)×10 ⁻³ N·m (150±20gf.cm)	
E15D2(3)-B181 (G*)	(18±2.5)×10 ⁻³ N·m (180±25gf.cm)	
E15D2(3)-B231 (G*)	(23±3)×10 ⁻³ N·m (230±30gf.cm)	

注(1) 规格扭矩为每分钟30转, 温度23±2°C时测定的数据;
 注(2) 带齿轴时型号尾部加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°C
本体质量:	0.6g(带齿轴时1.0g)
产品外壳和端盖的材质:	PC塑料
回转轴和齿轮的材料:	POM塑料
使用油:	硅油
Max. rotation speed:	50 RPM (one direction)
Max. cucle rate:	10 / minute (1 back is 360 ° 360 °)
Operating temperature:	0 ~ 50 °C
Weight:	0.6g(with gear1.0g)
Body & cap material:	PC plastic
Rotating shaft gear material:	POM plastics
The use of oil:	Silicone oil

齿轮规格Gear Specification

	G1(E15D1)	G2(E15D2(3/4))	G3(E15D2(3/4))
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	0.5	1.0	0.8
压力角 Pressure Angle	20°		
齿数 Number Of Teeth	14	10	11
基准节圆直径 Benchmark Pitch Diameter	Φ7	Φ10	Φ6.6

运用领域Using Field

目前广泛应用于小翻盖板、家具抽屉、橱柜抽屉、翻转门、音响、杯架等翻盖、伸缩、滑动类产品上,能有效降低产品使用中产生的撞击和噪音,提高产品使用寿命。

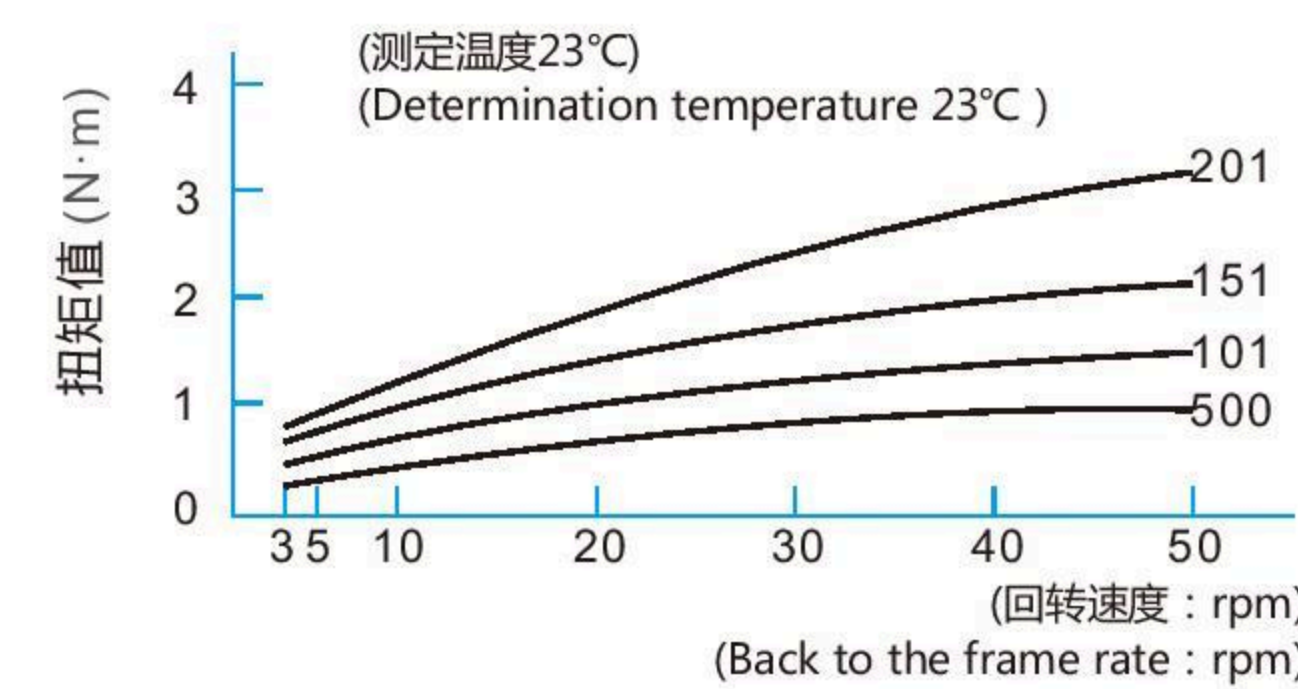
Is widely used in the small drawers, cabinets, drawers, flip flip cover, furniture door, acoustics, such as the beverage holder flip, slip, slide products, can effectively reduce the impact and noise in the product use, improve the service life of the product.

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。

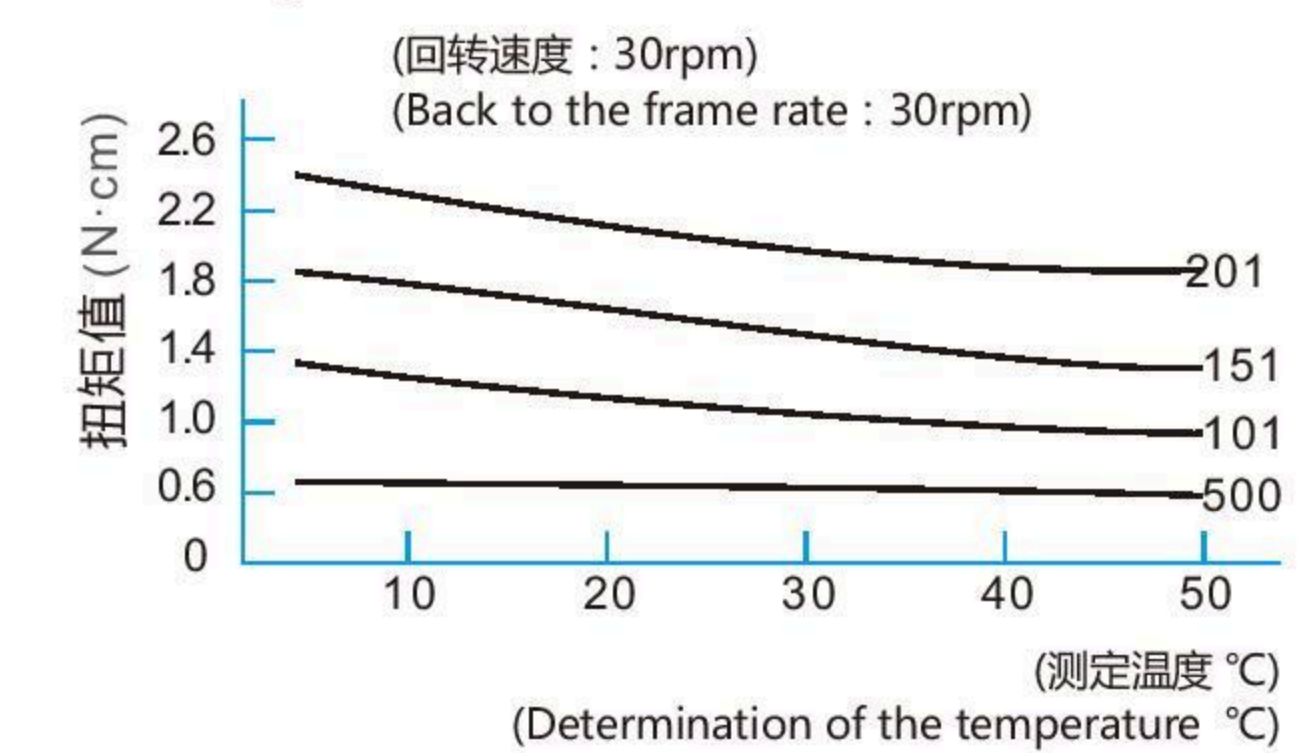
Rotary damper according to the change of rotating speed, torque is also changing. Its change rule is: speed, torque is also improved. Speed and torque. When starting torque is different from standard torque.



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, 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

