

D45系列

叶片缓冲式
Vane Damper

单、双向扭矩输出
Uni(Bi)-Directional

扭矩曲线输出
Torque curve output

可调式
Adjustable

大扭矩负载
Large torque

限制旋转角度
MAX. Rotation Angle <math>< 105^\circ</math>

D45A1 旋转缓冲器



D45A2 旋转缓冲器



§ 外形尺寸 Outside Diagram

§ 规格 Specifications

订货号CODE	型号Model	扭矩Rated torque	扭矩方向Direction	反向扭矩Reverse torque
455001104	D45A1-B104	100 kgf-cm	双向(B-D)	100 kgf-cm
455011104	D45A1-R104	100 kgf-cm	顺向CW(R)	5 kgf-cm
455021104	D45A1-L104	100 kgf-cm	逆向CCW(L)	5 kgf-cm
456502104	D45A2-B104	100 kgf-cm	双向(B-D)	100 kgf-cm
456512104	D45A2-R104	100 kgf-cm	顺向CW(R)	5 kgf-cm
456522104	D45A2-L104	100 kgf-cm	逆向CCW(L)	5 kgf-cm

注：1)标注扭矩为标准负载慢落每秒钟15°，温度23°C时测定的最大数据；

2)可以通过旋转调节缓冲器底部的扭矩调整螺母，改变缓冲器的扭矩大小(20~100kgf-cm)。

Note:1)Rated torque measured at a speed of 15°/sec.at 23°when fall down;

2)Adjust the torque adjustment nut at the bottom of the damper which torque is adjustable to change the damping torque output(20~100kgf-cm).

§ 性能描述 Performance Description

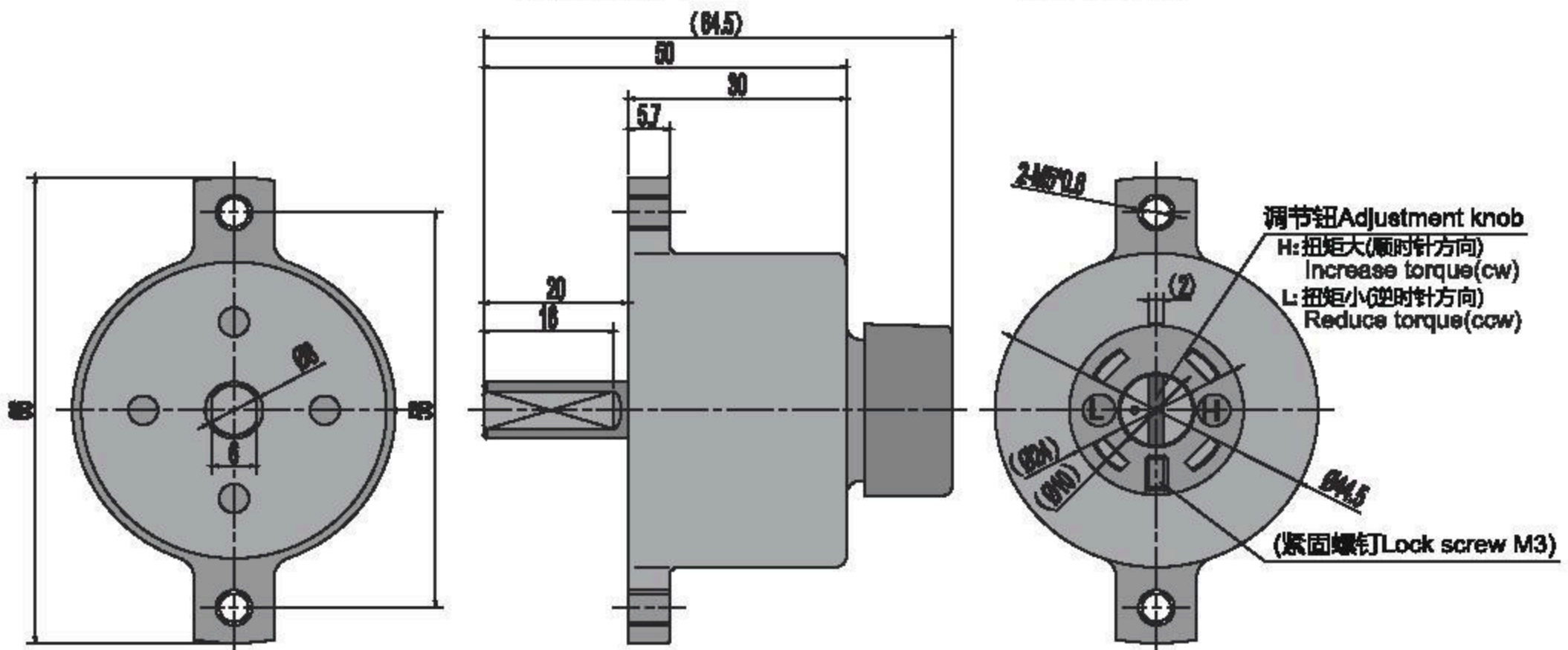
最大使用旋转角度为Max. rotation angle : 105 °

最大使用温度范围Operating temperature : -5 ~ 60°C

产品外壳和端盖的材质Body & cap material: ZDC

旋转轴材料Rotating shaft material: S25C

使用油Oil type : Silicone oil 硅油



注：1)以旋转闭合位置为缓冲终止位置，缓冲器在此角度时扭矩输出最大，并以此位置为缓冲终止安装基准，旋转轴扁位安装基准与本体安装孔轴线的夹角为52.5°；

2)D45A1的产品尺寸为不带端面扭矩调节器时的外形尺寸。

3)旋转轴孔和配合部件的间隙请尽量减小，如果存在间隙，旋转缓冲的速度也会受到影响；

4)缓冲器的旋转缓冲角度为105°，超过角度旋转时会损坏缓冲器本身，并请在外部设计停止定位机构。

Note:1)As pictures shown, the flat bit axis of rotation is the end position of buffering, the damper output the maximum torque at this position, and the buffering installation based on the flat bit axis of rotation. The installation of the axis of the flat a datum and the installing hole axis of the angle is 52.5 °;

2)D45A1 Shape dimension without the adjustment knob's shape dimension

3)When connecting the rotating shaft to other parts, please ensure a tight fit between then. Without a tight fit, the lid will not slow down properly when closing;

4)The damper's working angle is 105°, as pictures shown, .rotating the damper beyond this angle will cause damage to the damper. Please ensure that an external stopper is in place.

