

FYN-S1

The flat damper for constant component protection

Partial Rotation Angle

Damping torque 5 Nm to 10 Nm

The self-compensating FYN-S1 rotary damper with zinc die-cast body provides a constant sequence of movement for different masses. The damping direction can be either right or left rotation. During each reverse movement of the unilateral decelerating versions there is a certain return damping torque that depends on the size. ACE rotary dampers are maintenance-free and ready-to-install.



Technical Data

Construction size: Ø 60 mm

Lifetime: 50,000 cycles, even after this time, the dampers still produce over approx. 80 % of their original damping moment. The service life may be significantly higher or lower, depending on the application.

Operating temperature range: -5 °C to +50 °C

Material: Outer body: Zinc die-cast; Output shaft sleeve: Plastic

Mounting: In any position

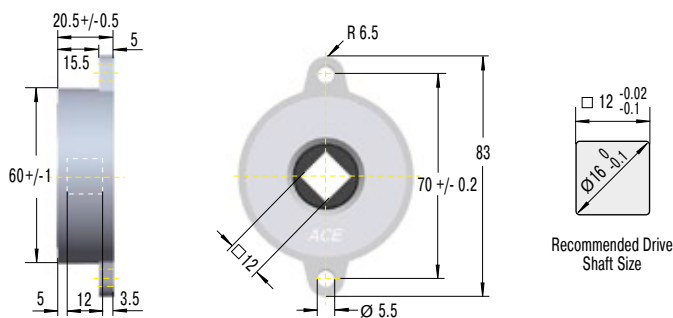
Rotation angle max.: 130°

Note: Damping direction: Right hand damping = damping action in clockwise direction (when looking onto the output shaft or output shaft sleeve, depending on the damper type). A play of approx. 5° can occur at the beginning of movement.

Mounting information: No axial or radial forces may be induced via the shaft.

Safety instructions: Do not use rotary dampers as supports. Provide an external guide or support.

On request: Special designs available on request.



Performance

TYPES	Damping torque Nm	Return Damping Torque Nm	Damping direction	Weight kg
FYN-S1-R104	5 - 10	1.5	right	0.220
FYN-S1-L104	5 - 10	1.5	left	0.220