

FYT-H1 and FYN-H1 Rotary Dampers

Specifically adjustable, strong braking force

The damping direction of the adjustable FYT-H1 and FYT-H1 can be right, left or two-sided rotation. During each reverse movement of the unilateral decelerating versions there is a certain return damping torque that depends on the size. The brakes have a particularly robust zinc die-cast body and shafts made of steel. ACE rotary dampers are maintenance-free and ready-to-install.



Technical Data

Construction size: Ø 45 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; Shaft: Steel

Mounting: In any position

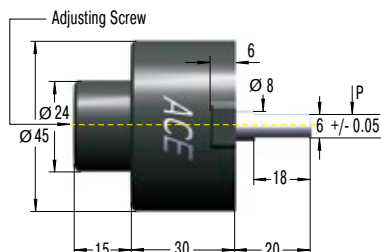
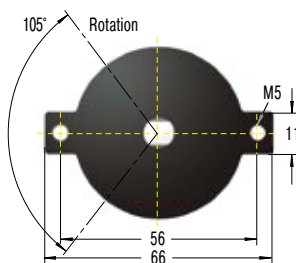
Rotation angle max.: 105°

Maximum side load: 50 N

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.

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
FYT-H1	2 - 10	0.5	bidirectional	0.235
FYN-H1-R	2 - 10	0.5	right	0.235
FYN-H1-L	2 - 10	0.5	left	0.235

Issue 08.2016 – Specifications subject to change

FYT-LA3 and FYN-LA3 Rotary Dampers

Adjustable high performance

The damping direction of this adjustable high-performance rotary damper can be right, left or two-sided rotation. During each reverse movement of the unilateral decelerating versions there is a certain return damping torque that depends on the size. The brakes have a particularly robust zinc die-cast body and shafts made of steel. ACE rotary dampers are maintenance-free and ready-to-install.



Technical Data

Construction size: Ø 80 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; Shaft: Steel

Mounting: In any position

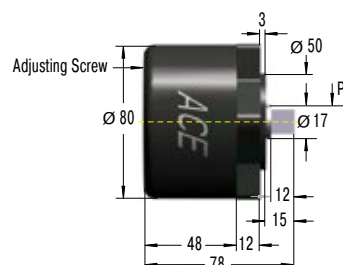
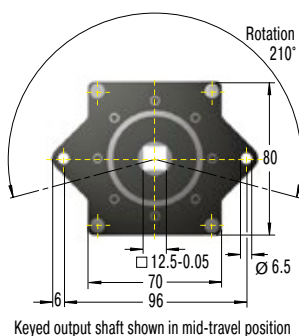
Rotation angle max.: 210°

Maximum side load: 200 N

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.

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
FYT-LA3	4 - 40	4	bidirectional	1.720
FYN-LA3-R	4 - 10	4	right	1.725
FYN-LA3-L	4 - 10	4	left	1.725