

FYN-N1

Small diameter, large damping torques

Partial Rotation Angle

Damping torque 100 Ncm to 300 Ncm

The damping direction of the rotary damper FYN-N1 can be either right or left rotation. The dampers can be directly mounted in the pivot point. During each reverse movement of the unilateral decelerating versions there is a certain return damping torque that depends on the size. Differentiation of the damping direction through coloured end cap. ACE rotary dampers are maintenance-free and ready-to-install.



Technical Data

Construction size: Ø 20 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, Shaft: Plastic

Mounting: In any position

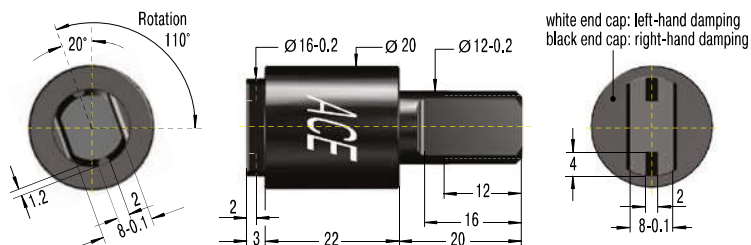
Rotation angle max.: 110°

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 Ncm	Return Damping Torque Ncm	Damping direction	Weight kg
FYN-N1-R103	100	20	right	0.012
FYN-N1-R203	200	40	right	0.012
FYN-N1-R253	250	40	right	0.012
FYN-N1-R303	300	80	right	0.012
FYN-N1-L103	100	20	left	0.012
FYN-N1-L203	200	40	left	0.012
FYN-N1-L253	250	40	left	0.012
FYN-N1-L303	300	80	left	0.012