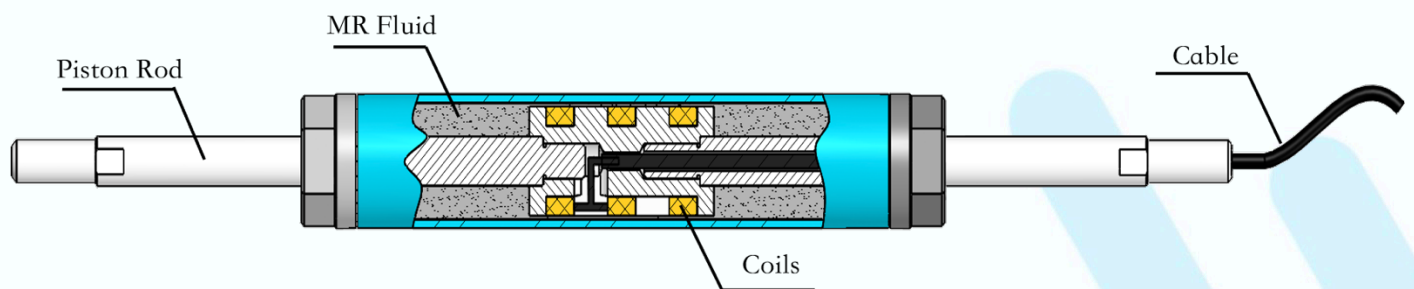


Instruction :

Magnetorheological electrically controlled adjustable dampers that can be applied to motorcycle damping, industrial automation damping, medical devices for special vehicles, and other damping fields. The continuously variable damping is controlled by the yield strength of the magnetorheological fluid that increases in response to the magnetic field strength. It has the characteristics of fast response speed, low energy consumption, wide range of damping force control, and high reliability.



Structure :



Feature :

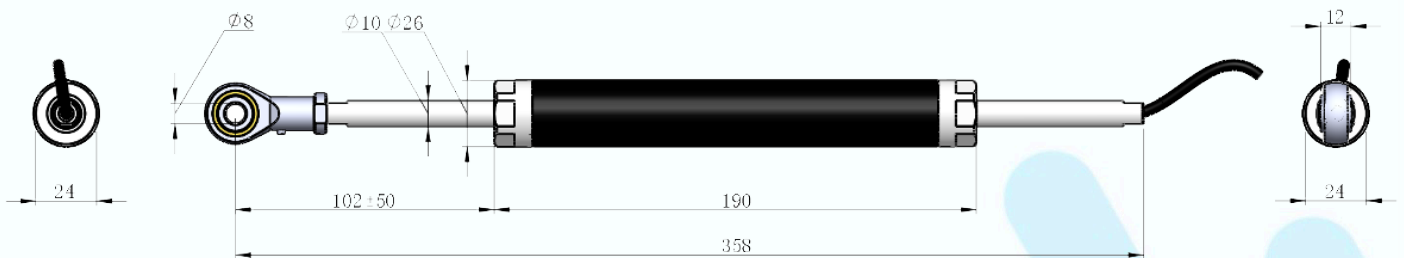
- Simple mechanical structure, no moving parts, high reliability
- Low voltage control, low energy consumption
- Fast response time, less than 15 ms to magnetic field changes
- Continuously variable control, precise control
- Long service life, high stability, high safety factor
- The correspondence between damping force and displacement, speed or acceleration can be controlled arbitrarily
- Working temperature: $-20^{\circ}\text{C}\sim 90^{\circ}\text{C}$
- Special requirements: can be customized according to your use requirements, such as: shape size, stroke, damping force size, installation methods and so on.

Specifications:

Model	Stroke(mm)	Total length (mm)	Rod diameter (mm)	Barrel outer diameter (mm)	Damping force (N) 100mm/s	Current (A)	Resistance (Ω)	Mounting Hole	Mounting thread
D26-50A01	± 50	365 ± 5	10	26	$25-110 \pm 15\%$	0-1	3.6	$\Phi 70$	$\Phi 8$
D26-50B01	± 50	365 ± 5	10	26	$40-240 \pm 15\%$	0-1.5	3.6	$\Phi 70$	$\Phi 8$
D38-40A01	± 40	463 ± 5	14	38	$80-1000 \pm 15\%$	0-3	2.1	$\Phi 12$	M12*1.25
D38-40B01	± 40	463 ± 5	14	38	$185-1300 \pm 15\%$	0-3	2.1	$\Phi 12$	M12*1.25

Dimensions:

D26



D38

