



ECON® Hydraulic actuator Series: ESL Type: 21401 Linear Single acting, spring closing

Characteristics

Series: ESL
Type: 21401
Transmission: Linear
Type of drive: Hydraulic
Operating principle: Single acting, spring closing
Signal pressure: 135 bar
Test pressure: 240 bar
Top flange standard: Manufacturer standard
With mechanical setting indicator: Yes
Hydraulic connection: 1/4" BSP
Material housing: Ductile cast iron
Material quality: GGG40.3 [GJS-400-15]
Housing surface protection: Epoxy coated
Spindle material: Stainless steel
Material bolts: Stainless steel
Ambient temperature: -20 / 80 °C

Application

- The linear hydraulic actuator is suitable for actuating shut-off valves and gear boxes.
- The modular design makes it easy to equip the actuator with a variety of hydraulic accessories.

Technical Information

- Single acting with a force of up to 9100N
- Linear stroke of up to 53mm
- Operating temperature of -20°C to +80°C
- Nodular cast iron housing
- Visual position indicator
- Operating pressure: 135bar

Construction

- Linear design
- Disc springs for spring reset functionality
- Standardised bottom connection
- Can be fitted on a shut-off valve using the assembly set
- Hydraulic connection via standardised connecting flange with 0.25-inch BSP female thread
- Non-corroding two-component coating

Execution

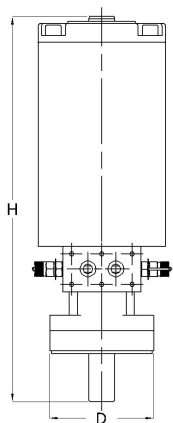
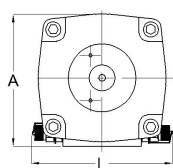
- Single acting open/closed

Approval

- Lloyd's Register type approval.

Options

- Additional coating for specific applications
- Larger models available upon request
- Equipped with a control box containing reed switches
- Equipped with a powerpack from the EHP-SA series



Size table:

Model	A mm	D mm	H mm	L mm	Weight kg
ESL-1	109	76	300	162	10
ESL-2	152	116	444	162	40

Type of regulation	Model	Shaft diameter mm	Article
On/Off	ESL-1	22	14015409
On/Off	ESL-2	30	14015410

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