

Type PY Pneumatic Actuator

AXON's Type PY pneumatic actuators deliver robust and reliable performance to meet the increasing demand on remote-controlled wells (including H₂S and CO₂ environments). In addition to its compact design, the Type PY features pneumatic self-reverse acting for smooth operation and is dual spring-loaded for increased closing thrust. These actuated valves range from 2.1/16" to 7.1/16" with operational temperatures of -46°C to +121°C.



FEATURES / BENEFITS

Options

- Rising stem for visual indication
- Limit switches
- Manual lock-open devices
- Line Pressure Operating (LPO)

Design Advantages

- Utilizes impact-tested material and does not require external studs, resulting in enhanced safety during low temperature applications
- Features quick disconnect from bonnet to reduce time required for maintenance
- Designed with nickel plating and replaceable wear parts for increased service life
- Optimized design for ease of serviceability, such as fewer required parts and top screw (anti-rotating)
- Improved reliability via junction box with stainless steel stuffing box

Type PY Pneumatic Actuator

SPECIFICATIONS

Technical Data: Ø8"

- Operating Pressure: 17 bar (270 psi)
- Maximum Operating Thrust: 4,724 daN

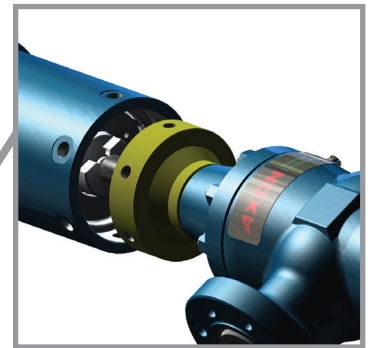
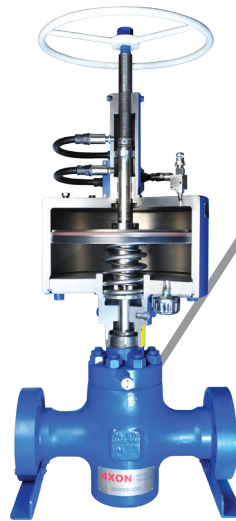
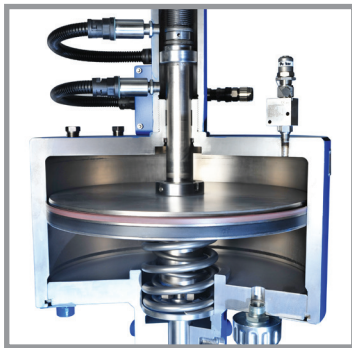
Technical Data: Ø17"

- Operating Pressure: 17 bar (270 psi)
- Maximum Operating Thrust: 22,167 daN

Actuator Ø Selection Chart

Valve Size	3,000 psi	5,000 psi	10,000 psi	15,000 psi
2.1/16"	Ø8"	Ø8"	Ø17"	Ø17"
3.1/8"	Ø8"	Ø8"	Ø17"	Ø17"
3.1/16"	Ø8"	Ø8"	Ø17"	Ø17"
4.1/16"	Ø8"	Ø17"	Ø17"	Ø17"
7.1/16"	Ø17"	Ø17"	n/a	n/a

Additional Images



Quick Disconnect Feature
Optimizes Maintenance



The Type PY's quick disconnect feature allows for removal of the actuator from the valve without having to isolate it

+AXON reserves the right to modify specifications without notice. rev2015.02.24