

A300 series



Pneumatic Cylinder Vave Actuators

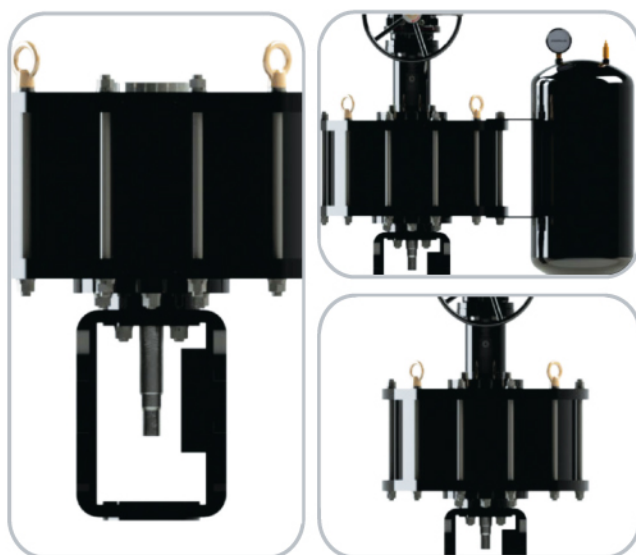
A300 Series

A300 is a complete line of linear pneumatic actuators purposely designed for the operation of control valves. The product range includes both double acting and spring return units available in several sizes which can deliver a force up to 30,000 daN.

These actuators can assure an extremely smooth valve operation and do not require any maintenance.

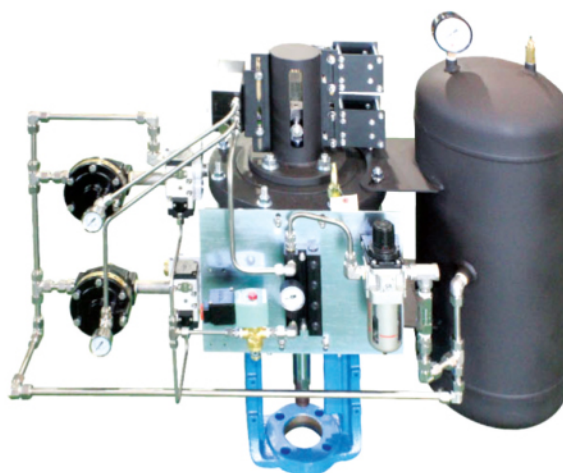
Standard Specification

Linear Motion Style (A300)



A300 Series	
Size	80", 12", 16", 20" (Inch Diameter)
Air Supply	5.0(7.0Max.) kgf/cm
Effective Area(sq.in)	50 to 313
Travel Range(mm)	30 to 500 above
Temp. Range	-20°F to +180°F, -30°C to +80°C Option : -40°F to +248°F, -40°C to +120°C
Material	Cylinder : Amalgan, Carbon Steel Stainless steel Stem : Stainless steel Piston : Carbon steel, Aluminum Spring : Oil Tempered Spring Steel Seal : EPDM / Silicone / Viton
End Connection	NPT(BSPP), PT : 1/2", 3/4", 1"
Option	Top Handle, Side Handle, Top Side Handle
Applications	Globe Valves, Gate Valves, PRDS

A300 series



- Economical design.
- Simply top and top side mounted hand-wheels.
- Height strength actuators case with rugged design.
- High stability.
- Compact design with reduced height.
- High resolution.
- Dynamic response.
- Very fast stroking speed.
- Very low dead band, hysteresis, linearity.



General Purpose

These A300 actuators, double acting or spring return type, deliver small to medium thrusts and are designed to satisfy the most common applications.

Manufactured with a corrosion resistant cast aluminium body, they are suitable for service in harsh environments such as desert areas, power stations, petrochemical plants and steel industries.

Their light, compact and functional design assures an easy installation. Thanks to the patented built-in lubrication system common to all the A300 range, they are virtually maintenance free.

General purpose A300 actuators are integrated by a complete line of pneumatic and electro-pneumatic positioners and accessories.

The shaft as well as the connection flange to the valve can be manufactured according to the various applications to meet all the customer's specific needs.