

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Linear Pneumatic Diaphragmatic Actuator

FLOWRITE II®

Actuators are enclosed spring and diaphragm linear actuators, direct and reverse acting.

Specifications

Maximum thrust (lbs) vs supply pressure

Size	Supply Pressure (psi)			Max Stroke (in)	Spring Configuration	Action
	20	30	40			
46	543	1003	N/A	1.025	Multi-Spring	Direct Reversible

- Size (Effective Area, sq. in) 46
- Maximum Supply Pressure 46, 35 psig
- Thrust Range 543 to 1003 lbs
- Stem Travel..... 1/4 to 1-1/4 in
- Temperature Limits -40° to 180°F

Construction

- Diaphragm Buna-N-Nylon Reinforced
- Diaphragm Chamber (Housing) 46" Aluminum
- Fasteners 46" Stainless Steel
- Finish 46" Epoxy Powder Coat
- Pressure (Thrust) Plate 46" Steel Zinc Plated
- Spring Stainless Steel Painted
- Stem Stainless Steel
- Stem Bearing (Bushing)..... 46" Bronze w/ EPR O-Ring
- Yoke..... Iron
- Yoke Mounting Boss Diameter (in) ... 1-3/8
- Air Connections..... 1/4 NPT
- Mounting..... Vertical to 90°

Accessories

- Positioners
- I/P Transducers
- Mounting Kit



NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Powers product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Powers Technical Service. Powers reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Powers products previously or subsequently sold.

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