

POWERS™

PRODUCT SPECIFICATIONS

Linear Pneumatic Diaphragmatic Actuator

Form BWPD v2

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
- Fasteners46" Stainless Steel
- Finish46" 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



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