

'PA.' SERIES

DOUBLE ACTING PNEUMATIC PISTON ACTUATOR

Actuator Models: - PA-150, PA-250, PA-330, PA-400, PA-500.

'PA.'-series double acting pneumatic piston actuator is available in 5 models, i.e., PA-150, PA-250, PA-330, PA-400, and PA-500. If required these actuators can be provided with side mounted hand wheel.

These actuators are suitable for regulating and on/off control applications. Full stainless steel version is also optionally available.

General Features:

- Compact yoke mounted Actuator.
- Easy Coupling to valve plug stem.
- Fast response.
- Wide range of travel.
- Low weight
- Long life.
- Surface protection suitable for corrosive Atmosphere

Actuator Range:

Size: - 180sqcm (28in²), 500sq cm (78in²), 830sq cm (130in²), 1270sq cm (201in²), 2000sq cm (314in²).

Travel: - 38mm to 178mm (1.5" to 7")

Technical Data:-

Component	Material
Cylinder	Carbon Steel
Yoke	WCB
Piston	Aluminum
'O' Rings & Seals	Nit rile
Bolts/nuts	B7/2H



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Actuator Model	NOM.AREA SQ.CM	Spring		Power			
		Travel		Effective Area		Thrust Gross	
				(in ²)	cm ²		
		Inch	mm			kgf	lbf
PA150	180	1 1/2 TO 4"	38 TO 100mm	(28)	180	727	1599
PA250	500	2 TO 4"	50 TO 178mm	(78)	500	2040	4488
PA330	830	3 TO 7"	75 TO 178mm	(130)	830	3380	7436
PA400	1270	3 TO 7"	75 TO 178mm	(201)	1270	5181	11400
PA500	2000	3 TO 7"	75 TO 178 mm	(314)	2000	8160	17950

- Actuator should be designed in a steel or composite construction that is rated for 10 bar working pressure.
- Actuator shall be designed to provide a lower centre of gravity and seismic radiation.

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