

YIMIER Pneumatic Valves

PH(S) Series Pneumatic Valves

Produit Overview

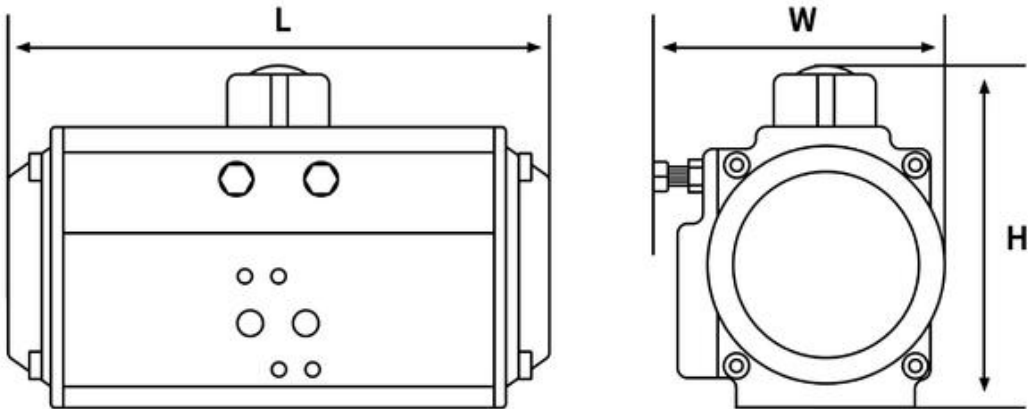


A pneumatic actuator is an actuating device that uses air pressure to drive the opening, closing, or adjustment of valves. It is also called a pneumatic actuator mechanism or pneumatic device. Pneumatic actuators are sometimes equipped with certain auxiliary devices. Commonly used ones include valve positioners and handwheel mechanisms. The function of a valve positioner is to use feedback principles to improve the performance of the actuator, enabling it to achieve precise positioning according to the controller's control signal. The function of a handwheel mechanism is to allow direct manual operation of the control valve to maintain normal production when the control system fails due to power outages, loss of air supply, controller output failure, or actuator malfunction.

Produit parameter

Cylinder Parameter			
Model	PH Series Actuator	Control type	Single acting/double acting
Max. rotation angle	90°~92°	Forms Type	cut
Control air source	Dry, clean air	Air Source Pressure	0-4~0.7MPa
Operating temperature	-20℃~50℃ / -4°F ~ 122°F	Shaft	Steel
Cylinder	Aluminum alloy	O-ring	NBR
Pistons	Die-cast aluminum	End closure	Die Casting Aluminum Alloy

Dimensions (mm)

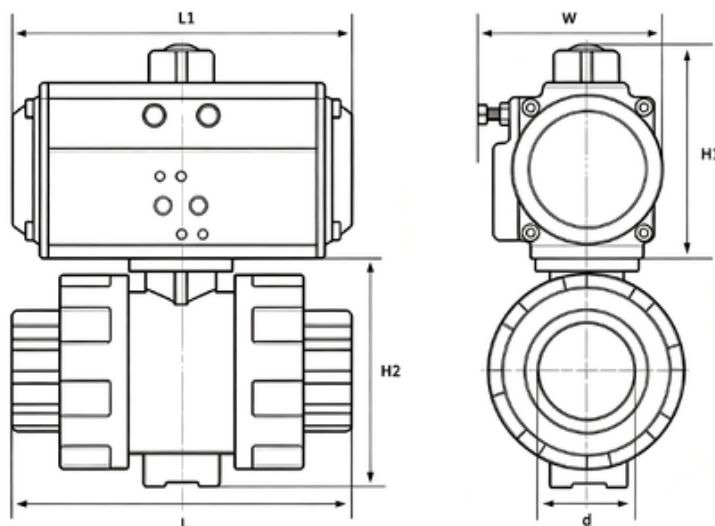


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Produit Model	L	W	H
PH32	111	47	72
PH52	146	80	100
PH63	164	84	116
PH75	184	98	128

Name	Function	Picture
Limit Switch (Standard Type)	A signal device for the remote control of pneumatic valves. It indicates the operating status of the valve by the opening and closing actions of the valve.	
Plate type solenoid valve	Solenoid valves enable remote control of the opening and closing of pneumatic valves. Two voltage options are available: DC24V and AC220V.	
Filter Regulator Unit	It is installed at the front end of the air source inlet to stabilize the air source pressure and filter impurities in the air source, so as to ensure the safe operation of the pneumatic valve.	

10PVDQ+PH(S)... Series Pneumatic PVDF Ball Valves



Parameter & Dimensions (mm)

Valve parameter		
Caliber		DN15-DN100
Pressure		PN10
O-ring material		EPDM
Material	Body	PVDF
	Plate	PVDF
	Seat sealing	PTFE
Temperature		0-120°C / 32 ~ 248°F
Connection method		Double union
Applicable Medium		Water, air, oil, corrosive medium

Model	Caliber	d	L1	W	H1	L	H2
10PVDQ+PH(S)	DN15	21.3	111(146)	47(80)	72(100)	110	56
	DN20	26.7	146	80	100	125	65
	DN25	33.4	146	80	100	140	76
	DN32	42.2	146	80	100	160	87
	DN40	48.3	146	80	100	170	101
	DN50	60.3	146	80	100	190	121
	DN65	73	164(184)	84(98)	116(128)	230	150
	DN80	88.9	164(184)	84(98)	116(128)	280	169.5
	DN100	114.3	184	98	128	335	190