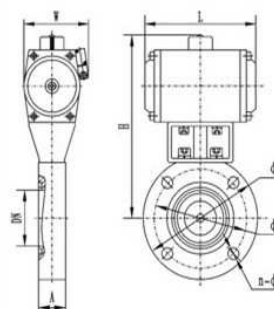


B series pneumatic high-vacuum butterfly valve



B series pneumatic high-vacuum butterfly valve uses compressed air as the dynamics. It changes the gas circuit direction, promote piston gear mechanical movement through the control of pneumatic components. The output torque pushes forward the butterfly valve to implement the open / close movements in order to connect or cut off the airflow in vacuum tubes.

This is a new pneumatic controlled butterfly valve, it has Double-acting and Single -acting(Spring return) air cylinder with optional Signal feedback device and electric valves servo.

The applicable active medium of this valve are air, non-corrosive gas.

technical specifications:

Scope (m. Bar)	$10^3 \sim 1.3 \times 10^{-7}$
Valve Leakage Rate (m. Bar. L/S)	$\leq 1.3 \times 10^{-8}$
	-25~+80(Sealing Material NBR)
Medium temperature (°C)	
	-30~+150(Sealing Material FPM)
Pressure of air supply (MPa)	0.4~0.6
Flange Standard	JB919
Installation location	Random
	Standard manufacture : AC220V/50Hz Switch type
Rated voltage	
	Special designation : AC110V ; DC24V ; DC12V etc.
	Standard manufacture : Without passive contactor
Signal Feedback	
	Special designation : 4~20mA DC Adjustable
	Standard manufacture : Double-acting
Air Cylinder	
	Special designation : Single-acting (Spring return)
	normal open or normal close

Connection and Dimensions :

Model	Nominal Diameter(DN)	ΦD	ΦB	H	A	L	W	n-ΦC
PBV-50B	50	110	90	205	22	164	105	4-Φ9
PBV -63B	63	130	110	218	26			
PBV -80B	80	145	125	248	30			
PBV -100B	100	170	145	260		190	124	4-Φ12
PBV -125B	125	195	175	273	35			
PBV -150B	150	220	195	332		247	140	
PBV -200B	200	275	250	386	40	302	165	8-Φ12
PBV -250B	250	330	300	466	45	372	198	
PBV -300B	300	380	350	535	55	432	225	8-Φ14
PBV -400B	400	465	465	631	60	518	243	8-Φ18

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