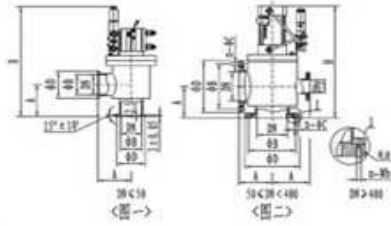


Pneumatic high vacuum Isolation valve



These pneumatic high vacuum damper valve(Angle Valve), motivated by compressed air, pushes the cylinder to up and down move with the valve rod by changing the direction of electromagnetism to transform the gas circuit direction, which drives the valve to open or close, in order to cut off or connect gas flow in the vacuum system. GDQ-J is angle type and GDQ-S is three-way type with pre pumping. Applicable medium can be air and noncorrosive gases.

Basic Dimensions

Applicable Scope(m.Bar)	$10^3 \sim 1.3 \times 10^{-6}$
Valve Leak Rate(m.Bar.L/S)	$\leq 1.3 \times 10^{-8}$
Medium Temperature (°C)	-25~+80(Seal Material: chemigum) -30~+150(Seal Material: viton)
Air Source Pressure(MPa)	0.4~0.8
Install Position	DN<300 for any, DN≥300 for vertical
Power Voltage	Standard Technism : AC220V/50Hz especially for AC110V ; DC24V ; DC12V
Signal Feedback	Standard Technism : without feedback signal especially for Magnetic SwitchDC/AC5~240V

(Picture One)(KF) Overall Dimension

Model	Diameter(DN)	ΦD	ΦB	H	A	Flange Standard
PVIV-J10/KF	10	30	12.2	180	30	GB4982
PVIV-J16/KF	16	30	17.2	180	40	
PVIV-J25/KF	25	40	26.2	200	50	
PVIV-J40/KF	40	55	41.2	210	65	
PVIV-J50/KF	50	75	52.2	276	70	/

(Picture Two)Lap Joint Flange Connections and Size

Model	Diameter(DN)	ΦD	ΦB	H	A	n-ΦC	DNy	n-Mb	Flange Standard
PVIV-J50	50	110	90	276	70	4-Φ9	/	/	GB/T6070
PVIV-J63	63	130	110	283	88				
PVIV-J80	80	145	125	314	88	8-Φ9			
PVIV-J100	100	165	145	338	108				
PVIV-J125	125	200	175	424	128		DN40(GB4982)	/	JB919
PVIV-J(S)150	150	220	195	482	138	8-Φ11			
PVIV-J(S)160	160	225	200	482	138		DN50(GB/T6070) DN63(GB/T6070)	/	GB/T6070
PVIV-J(S)200	200	285	260	620	200	12-Φ11			
PVIV-J(S)250	250	335	310	655	208		DN80(GB/T6070)	/	JB919
PVIV-J(S)300	300	380	350	783	250	8-Φ14			
PVIV-J(S)320	320	425	395	789	250	12-Φ14	DN100(GB/T6070)	16-M12	GB/T6070
PVIV-J(S)400	400	510	480	1210	330				
PVIV-J(S)400	400	500	465	1210	330	16-Φ14	DN125(GB/T6070)	8-M16	JB919
PVIV-J(S)500	500	610	580	1270	360				
PVIV-J(S)600	600	710	670	1562	450	12-Φ21	DN160(GB/T6070)	16-M10	GB/T6070
PVIV-J(S)630	630	750	720	1562	450	20-Φ14			
PVIV-J(S)800	800	920	890	1900	520	24-Φ14	DN200(GB/T6070)	24-M10	GB/T6070

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