

GV819 Series Electropneumatic High vacuum ball valve



Application:

GV819Series are specially designed for positive or negative pressure of gas or liquid system. Solenoid selector valve change the gas route to produce force and steel ball revolve accordingly.

Technical Data:

Fluid: gas, water, steam, acid liquid more

Leak rate: $\leq 1.0 \times 10^{-6} \text{ Pa} \cdot \text{L/s}$;

Operating pressure: $1.0 \times 10^{-6} \text{ Pa} \sim 1.6 \times 10^6 \text{ Pa}$;

Working temp.: $-50^\circ\text{C} \sim +150^\circ\text{C}$; $-50^\circ\text{C} \sim +250^\circ\text{C}$;

sealing of shaft : PTFE

Materials: AISI303; AISI316Ti

PipeConnection :

quick release flange ; loose flange; ISO 2852 sanitary quick release flange

Electrical data:

Voltage: DC24V, AC110V, AC230V, AC440V

Electric locator: Input4-20mA signal,regulating action

Electrical connection: Connecting box type (popular type),

electric cable lead wire type (explosion-proof)

Protection class: German standard DIN43650A(IP67)

Other functions: E explosion-proof (explosion-proof rank ExdIIBT4)

Figure Structure:

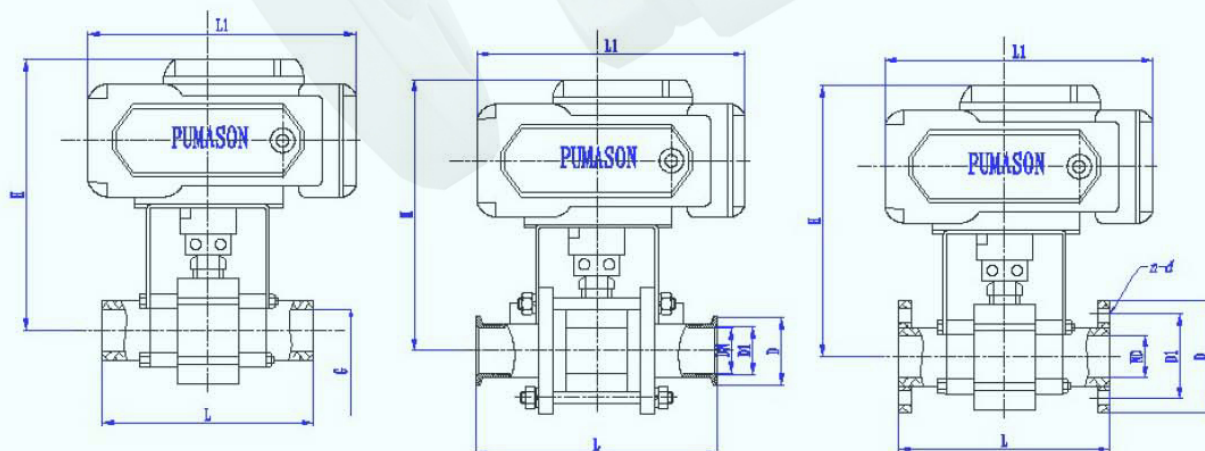


Figure date:

1. Thread or KF(mm):

Catalog No	DN (mm)	G 螺纹连接 (mm)				KF 卡箍连接 (mm)				
		L	L1	H	G	L	L1	H	D	D1
GV819-10	10	68	115	180	G3/8	95	115	180	30	12.2
GV819-15	15	72	115	180	G1/2	105	115	195	30	17.2
GV819-25	25	90	115	195	G1	115	115	195	40	26.2
GV819-32	32	112	158	205	G1 ¹ /4	140	158	205	55	34.2
GV819-40	40	120	158	220	G1 ¹ /2	160	158	220	55	41.2
GV819-50	50	145	158	250	G2	170	158	250	75	52.2

2. LF (mm) :

Catalog No	DN	L	L1	H	D	D1	D2	n-Φd
GV819-10	10	95	115	180	55	40	15	4-6.5
GV819-15	15	105	115	195	60	45	22	4-6.5
GV819-25	25	115	115	195	70	55	29	4-6.5
GV819-32	32	140	158	205	90	70	36	4-9
GV819-40	40	160	158	220	100	80	44	4-9
GV819-50	50	170	158	250	110	90	55	4-9
GV819-65	63	195	207	280	130	110	68	4-9
GV819-80	80	203	207	330	145	125	85	8-9
GV819-100	100	280	207	350	165	145	106	8-9
GV819-125	125	320	280	380	195	175	128	8-11
GV819-150	150	362	280	402	225	200	160	8-11