

GV816 Series Pneumatic High Vacuum Ball Valve



Application:

GV816Series 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:

Body: AISI303; AISI316Ti

PipeConnection :

loose flange:JB919; ISO 2852 sanitary quick release flange

Electrical data:

Voltage: AC230V、DC24V

Service pressure:double action(4-7bar);Single action(5-7bar)

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(IP65)

Other functions: E explosion-proof (explosion-proof rank Ex dIICT5)

Figure Structure:

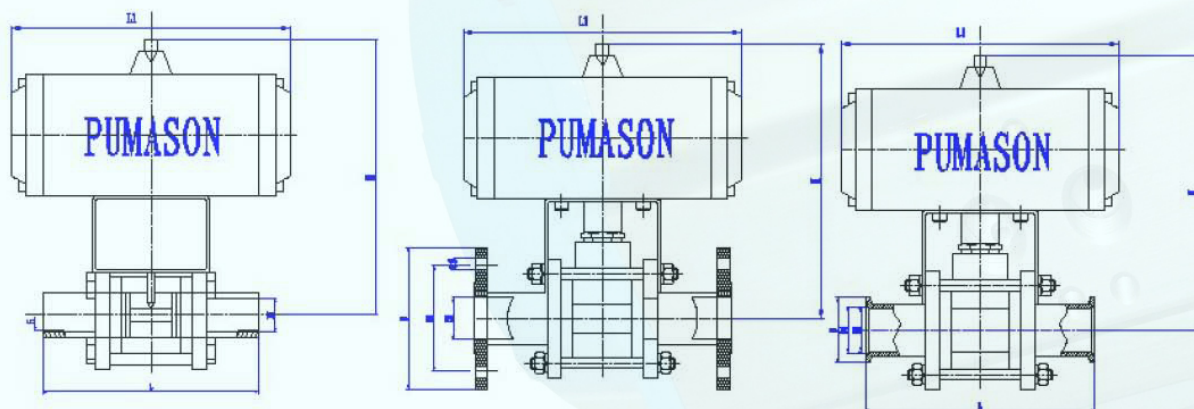


Figure date:

1. KF(mm):

Catalog No	DN	Thread				KF				
		L	L1	H	G	L	L1	H	D	D1
GV816-10	10	68	105	153	G3/8	95	105	153	30	12.2
GV816-15	16	72	105	155	G1/2	105	105	155	30	17.2
GV816-25	25	90	140	163	G1	115	140	163	40	26.2
GV816-32	32	112	140	180	G1 1/4	140	140	180	55	34.2
GV816-40	40	120	140	186	G1 1/2	160	140	186	55	41.2
GV816-50	50	145	165	235	G2	170	165	235	75	52.2

2.LF(mm):

Catalog No	DN	L	L1	H	D	D1	n-Φd
GV816-10	10	95	105	153	55	40	4-6.5
GV816-15	16	100	130	155	60	45	4-6.5
GV816-25	25	115	165	163	70	55	4-6.5
GV816-32	32	140	165	180	90	70	4-9
GV816-40	40	165	190	186	100	80	4-9
GV816-50	50	175	190	235	110	90	4-9
GV816-65	65	185	250	272	130	110	4-9
GV816-80	80	200	250	351	145	125	8-9
GV816-100	100	220	280	370	165	145	8-9
GV816-125	125	265	372	458	200	170	8-11
GV816-150	150	298	432	523	225	200	8-11