

Characteristic: 1. Direct lifting diaphragm construction with high frequency

2. Open from 0 bar with large flow rate

3. Applied to low pressure system

Medium: Steam and Hot Water, Civil gas, Oil, etc.

Temperature: PTFE Seal: 5°C to 250°C

Pressure: 16 Bar / 20 Bar / 30 Bar / 40 Bar

Port Size: 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

Port Thread: BSPP, BSPT, NPT, FLANGE

Orifice(mm): 12, 15, 20, 25, 32, 40, 50

Voltage: DC-12V, 24V

AC-24V, 120V, 240V/60Hz; 110V, 220V/50Hz

Tolerance: ±10%

Material: Body - stainless steel 304

Seal - PTFE

Armature Tube - Stainless Steel304

Plunger - Stainless Steel 430F

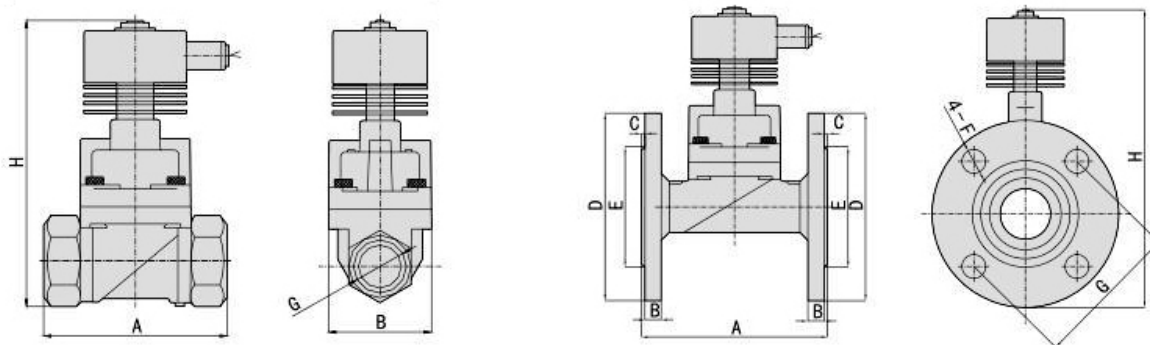
Stop - SS 403F

Springs - SS 304

Shading Rings - Stainless Steel 304



Main Specification



Joint Size (G)	Orifice (mm)	CV Value	Pressure Differential (Bar)		Max Liquid Temperature (°C)	External Dimension A X B X H
			Min. Pressure	Max. Working Pressure Steam		
3/8"	15	4.5	0.5	25	250	75X52X159
1/2"	15	4.5	0.5	25	250	75X52X159
3/4"	20	8.0	0.5	25	250	85X60X171
1"	25	12	0.5	25	250	100X70X178
1-1/4"	35	22	0.5	25	250	120X90X198
1-1/2"	35	22	0.5	25	250	120X90X198
2"	50	45	0.5	25	250	150X110X220
Flange Connection	25	12	0.5	25	250	See Following List
	32	22	0.5	25	250	
	40	22	0.5	25	250	
	50	45	0.5	25	250	

Flange Connection Selection List

Model	A	B	C	ΦD	ΦE	ΦF	ΦG	H
DN25	134	13	2	110	58	14	80	215
DN32	160	15	2	135	76	18	100	230
DN40	160	15	2	145	84	18	125	235
DN50	200	16	2	155	88	18	125	280