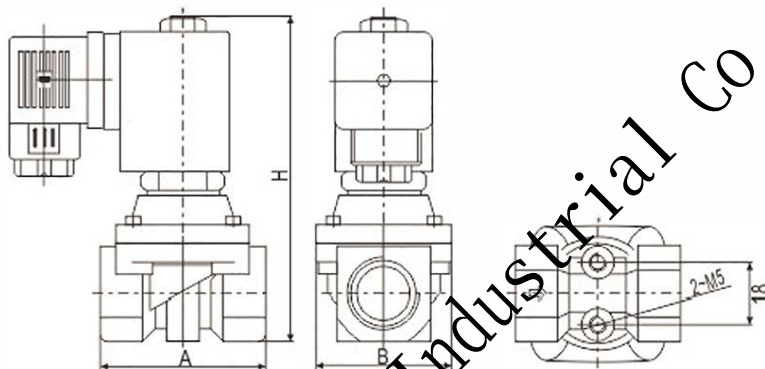


ZS 2/2-way Direct Acting Solenoid Valve · Normlly Closed

- 1: 2/2 way normally closed , closed when de-energized open , open when energized
- 2: Max pressure tolerance: 25 kgf/cm²
- 3: Working pressure : 0 ~20 kgf/cm²
- 4: Ambient temp : 0~65 ℃
- 5: Flow as the arrow ,mounts in any position ; best position is solenoid vertical and upright direction
- 6: Only 1/4" 3/8" & 1/2" connection size ,orifice ϕ 10mm ϕ 13mm. can be widely used in the corresponding flow and pressure system , replace the same connection size but big orifice valve , can save a lot of cost
- 7: Voltage : AC220V/230V/240V/110V/24V 50/60HZ DC24V/12V
- 8: Seals : Can choose NBR、EPDM、VITON to fit the on/off control of different media:
- 9: Body: Brass
- 10: Coil can fix SM Coil. AC 220V/AC 110V/AC24V/DC24V



External Dimensions:



Valve Selection List

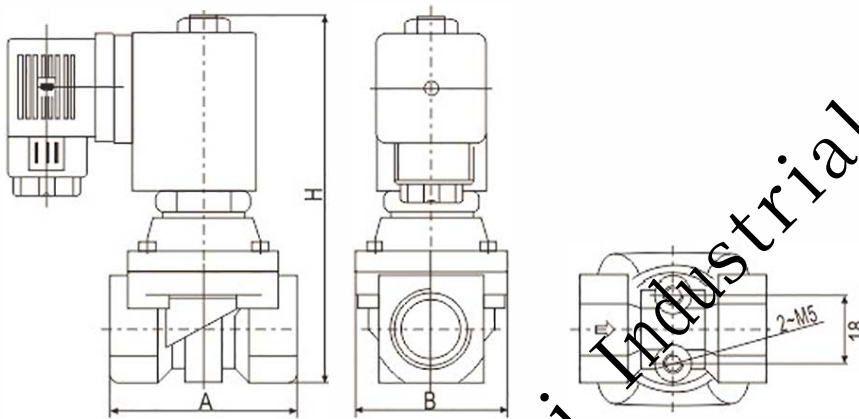
Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Temp. °C	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height L x B x H	Model Code Follows Voltage are 220VAC50/60HZ	Weight (KG)	
			Min.	Max.									VA 220V	W 24V					
				Air Gas	Water Hotwater liquid.		Light oil												
					AC	DC	AC	DC	AC	DC									
1/4 "	10	1.9	0	20	16	20	16	20	16	80	D	22	13	F	50×40.5×98	ZS1DF02N9B10	0.55		
	10	1.9	0	20	16	20	16			120	D	22	13	F	50×40.5×98	ZS1DF02E9B10	0.55		
	10	1.9	0	20	16	20	16	20	16	120	D	22	13	F	50×40.5×98	ZS1DF02V9B10	0.55		
3/8 "	10	2.4	0	20	16	20	16	20	16	80	D	22	13	F	50×40.5×98	ZS1DF02N9C10	0.54		
	10	2.4	0	20	16	20	16			120	D	22	13	F	50×40.5×98	ZS1DF02E9C10	0.54		
	10	2.4	0	20	16	20	16	20	16	120	D	22	13	F	50×40.5×98	ZS1DF02V9C10	0.54		
	13	3.1	0	16	12	16	12	16	12	80	D	22	13	F	55×43×98	ZS1DF02N9C13	0.56		
	13	3.1	0	16	12	16	12			120	D	22	13	F	55×43×98	ZS1DF02E9C13	0.56		
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	55×43×98	ZS1DF02V9C13	0.56		
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	55×43×98	ZS1DF02V9C13	0.56		
1/2 "	10	2.4	0	20	16	20	16	20	16	80	D	22	13	F	50×40.5×98	ZS1DF02N9D10	0.53		
	10	2.4	0	20	16	20	16			120	D	22	13	F	50×40.5×98	ZS1DF02E9D10	0.53		
	10	2.4	0	20	16	20	16	20	16	120	D	22	13	F	50×40.5×98	ZS1DF02V9D10	0.53		
	13	3.1	0	16	12	16	12	16	12	80	D	22	13	F	55×43×98	ZS1DF02N9D13	0.55		
	13	3.1	0	16	12	16	12			120	D	22	13	F	55×43×98	ZS1DF02E9D13	0.55		
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	55×43×98	ZS1DF02V9D13	0.55		

ZS 2/2-way Direct Acting Solenoid Valve · Normlly Closed

1. 2/2 way Normally Closed, closed when de-energized open, open when energized.
2. Max Pressure Tolerance: 25kgf/cm²
3. Working Pressure: 0~20kgf/cm²
4. Ambient Temp.: 0~65℃
5. Flow as the arrow, mounts in any position; best position is solenoid vertical and upright direction.
6. Only 1/4" & 3/8" & 1/2" connection size, orifice Φ 10mm Φ 13mm, can be widely used in the corresponding flow and pressure system, replace the same connection size but big orifice valve, can save a lot of cost.
7. Voltage: AC220V/230V/240V/110V/24V 50/60HZ DC24V/12V
8. Seals: can choose NBR, EPDM, VITON to fit the on/off control of different media.
9. Body: SS304
10. Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V



External Dimensions:



Valve Selection List

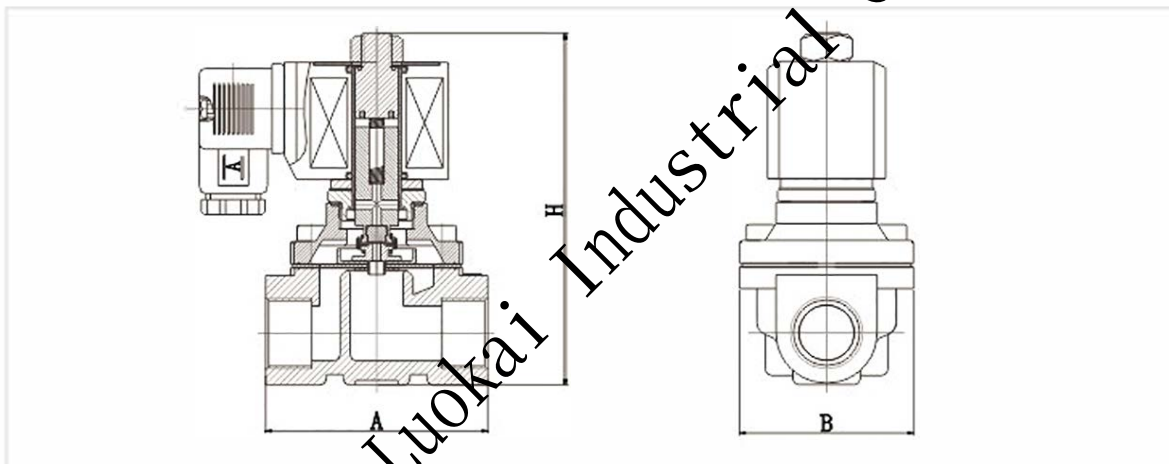
Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Temp. ℃	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height L x B x H	Model Code Follows Voltage are 220VAC50/60HZ	Weight (KG)	
			Min.	Max.									VA AC 220V	W DC 24V					
				Air Gas	Water Hotwater liquid.		Light oil												
					AC	DC	AC	DC	AC	DC									
1/4 "	10	1.9	0	20	16	20	16	20	16	80	D	22	13	F	50×40.5×98	ZS1DF02N4B10	0.55		
	10	1.9	0	20	16	20	16			120	D	22	13	F	50×40.5×98	ZS1DF02E4B10	0.55		
	10	1.9	0	20	16	20	16	20	16	120	D	22	13	F	50×40.5×98	ZS1DF02V4B10	0.55		
3/8 "	10	2.4	0	20	16	20	16	20	16	80	D	22	13	F	50×40.5×98	ZS1DF02N4C10	0.54		
	10	2.4	0	20	16	20	16			120	D	22	13	F	50×40.5×98	ZS1DF02E4C10	0.54		
	10	2.4	0	20	16	20	16	20	16	120	D	22	13	F	50×40.5×98	ZS1DF02V4C10	0.54		
	13	3.1	0	16	12	16	12	16	12	80	D	22	13	F	55×43×98	ZS1DF02N4C13	0.56		
	13	3.1	0	16	12	16	12			120	D	22	13	F	55×43×98	ZS1DF02E4C13	0.56		
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	55×43×98	ZS1DF02V4C13	0.56		
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	55×43×98	ZS1DF02V4D13	0.55		
1/2 "	10	2.4	0	20	16	20	16	20	16	80	D	22	13	F	50×40.5×98	ZS1DF02N4D10	0.53		
	10	2.4	0	20	16	20	16			120	D	22	13	F	50×40.5×98	ZS1DF02E4D10	0.53		
	10	2.4	0	20	16	20	16	20	16	120	D	22	13	F	50×40.5×98	ZS1DF02V4D10	0.53		
	13	3.1	0	16	12	16	12	16	12	80	D	22	13	F	55×43×98	ZS1DF02N4D13	0.55		
	13	3.1	0	16	12	16	12			120	D	22	13	F	55×43×98	ZS1DF02E4D13	0.55		
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	55×43×98	ZS1DF02V4D13	0.55		

ZS 2/2-Way Large diameter Direct Acting Solenoid Valve · Normally Closed

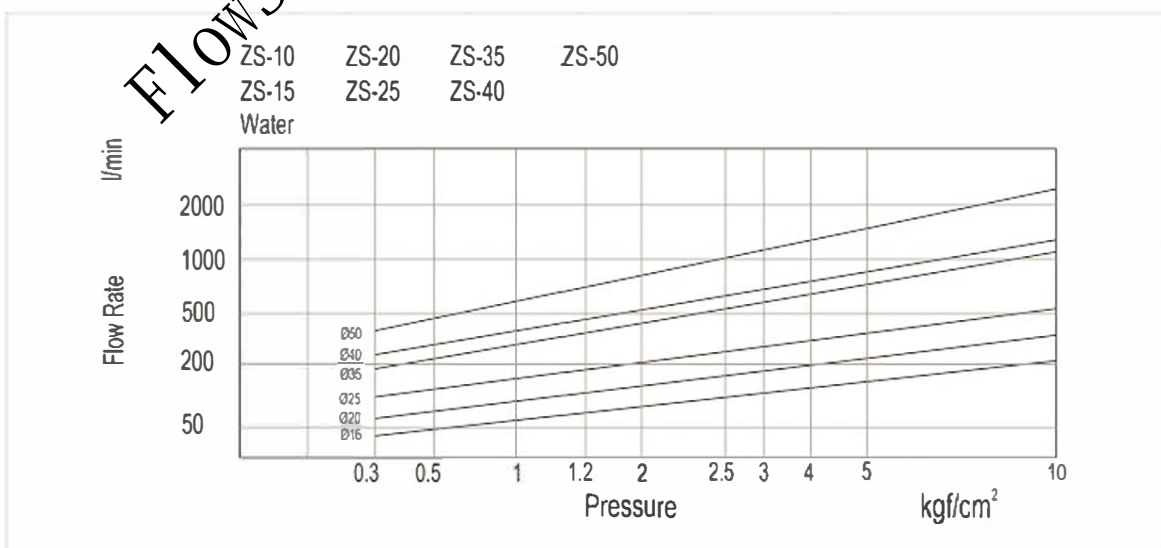
- 1: 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2: Serialized products, small in size, large flow rate, widely use
- 3: Body material: forged brass, cast brass (for orifice $\Phi 32$ 、40、50 only)
- 4: Ambient Temp. 0°C ~ 65°C , Fluids Temp. 0°C ~ 120°C .
- 5: Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7: Coil can fix Germany Nass Coil, for orifice under $\Phi 16$ ~25mm only.
- 8: This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.
- 9: Coil can fix SM Coil below DN25. AC 220V/AC 110V/AC 24V/DC 24V



External Dimensions Chart



Flow Chart



ZS 2½-Way Large diameter Direct Acting Solenoid Valve • Normally Closed

Valve Selection List

Pipe Conn- ection	Orifices mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. Fluids Temp.	Coil F Class Type	Power consumption		External Dimensions Length x Width x Height Lx B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
			Min.	Max.								VA AC 220 V	W DC 24 V			
				Air Gas		Water Hot water Liquids		Light oil ≤20CST								
				AC	DC	AC	DC	AC	DC							
3/8"	16	4.8	0	10	6	10	6	7	4	80	D	20	20	69×57×106	ZS1DF02N1C16	0.9
	16	4.8	0	10	6	10	6			120	D	20	20	69×57×106	ZS1DF02E1C16	0.9
	16	4.8	0	10	6	10	6	7	4	120	D	20	20	69×57×106	ZS1DF02V1C16	0.9
	16	4.8	0			3	3			120	D	20	20	69×57×106	ZS1DF02G1C16	0.9
1/2"	16	4.8	0	10	6	10	6	7	4	80	D	20	20	69×57×106	ZS1DF02N1D16	0.9
	16	4.8	0	10	6	10	6			120	D	20	20	69×57×106	ZS1DF02E1D16	0.9
	16	4.8	0	10	6	10	6	7	4	120	D	20	20	69×57×106	ZS1DF02V1D16	0.9
	16	4.8	0			3	3			120	D	20	20	69×57×106	ZS1DF02G1D16	0.9
3/4"	20	7.6	0	10	6	10	6	7	4	80	D	20	20	73×57×114	ZS1DF02N1E20	1.08
	20	7.6	0	10	6	10	6			120	D	20	20	73×57×114	ZS1DF02E1E20	1.08
	20	7.6	0	10	6	10	6	7	4	120	D	20	20	73×57×114	ZS1DF02V1E20	1.08
	20	7.6	0			3	3			120	D	20	20	73×57×114	ZS1DF02G1E20	1.08
1"	25	12	0	10	6	10	6	7	4	80	D	20	20	99×77×121	ZS1DF02N1G25	1.4
	25	12	0	10	6	10	6			120	D	20	20	99×77×121	ZS1DF02E1G25	1.4
	25	12	0	10	6	10	6	7	4	120	D	20	20	99×77×121	ZS1DF02V1G25	1.4
	25	12	0			3	3			120	D	20	20	99×77×121	ZS1DF02G1G25	1.4
1 1/4"	32	24	0	10	6	10	6	7	4	80	D	57	45	112×86.5×150	ZS1DF02N2H32	2.5
	32	24	0	10	6	10	6			120	D	57	45	112×86.5×150	ZS1DF02E2H32	2.5
	32	24	0	10	6	10	6	7	4	120	D	57	45	112×86.5×150	ZS1DF02V2H32	2.5
	32	24	0	10	6	10	6	7	4	80	D	57	45	112×86.5×150	ZS1DF02N1H32	2.7
	32	24	0	10	6	10	6			120	D	57	45	112×86.5×150	ZS1DF02E1H32	2.7
	32	24	0	10	6	10	6	7	4	120	D	57	45	112×86.5×150	ZS1DF02V1H32	2.7
1 1/2"	40	29	0	10	6	10	6	7	4	80	D	57	45	123×94×160	ZS1DF02N2J40	2.9
	40	29	0	10	6	10	6			120	D	57	45	123×94×160	ZS1DF02E2J40	2.9
	40	29	0	10	6	10	6	7	4	120	D	57	45	123×94×160	ZS1DF02V2J40	2.9
	40	29	0	10	6	10	6	7	4	80	D	57	45	123×94×160	ZS1DF02N1J40	3.2
	40	29	0	10	6	10	6			120	D	57	45	123×94×160	ZS1DF02E1J40	3.2
	40	29	0	10	6	10	6	7	4	120	D	57	45	123×94×160	ZS1DF02V1J40	3.2
2"	50	48	0	10	6	10	6	7	4	80	D	57	45	168×123×183	ZS1DF02N2K50	5.2
	50	48	0	10	6	10	6			120	D	57	45	168×123×183	ZS1DF02E2K50	5.2
	50	48	0	10	6	10	6	7	4	120	D	57	45	168×123×183	ZS1DF02V2K50	5.2
	50	48	0	10	6	10	6	7	4	80	D	57	45	168×123×183	ZS1DF02N1K50	5.4
	50	48	0	10	6	10	6			120	D	57	45	168×123×183	ZS1DF02E1K50	5.4
	50	48	0	10	6	10	6	7	4	120	D	57	45	168×123×183	ZS1DF02V1K50	5.4