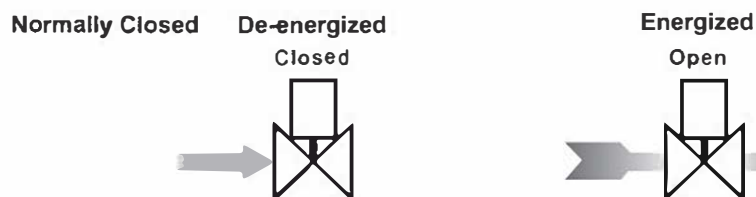
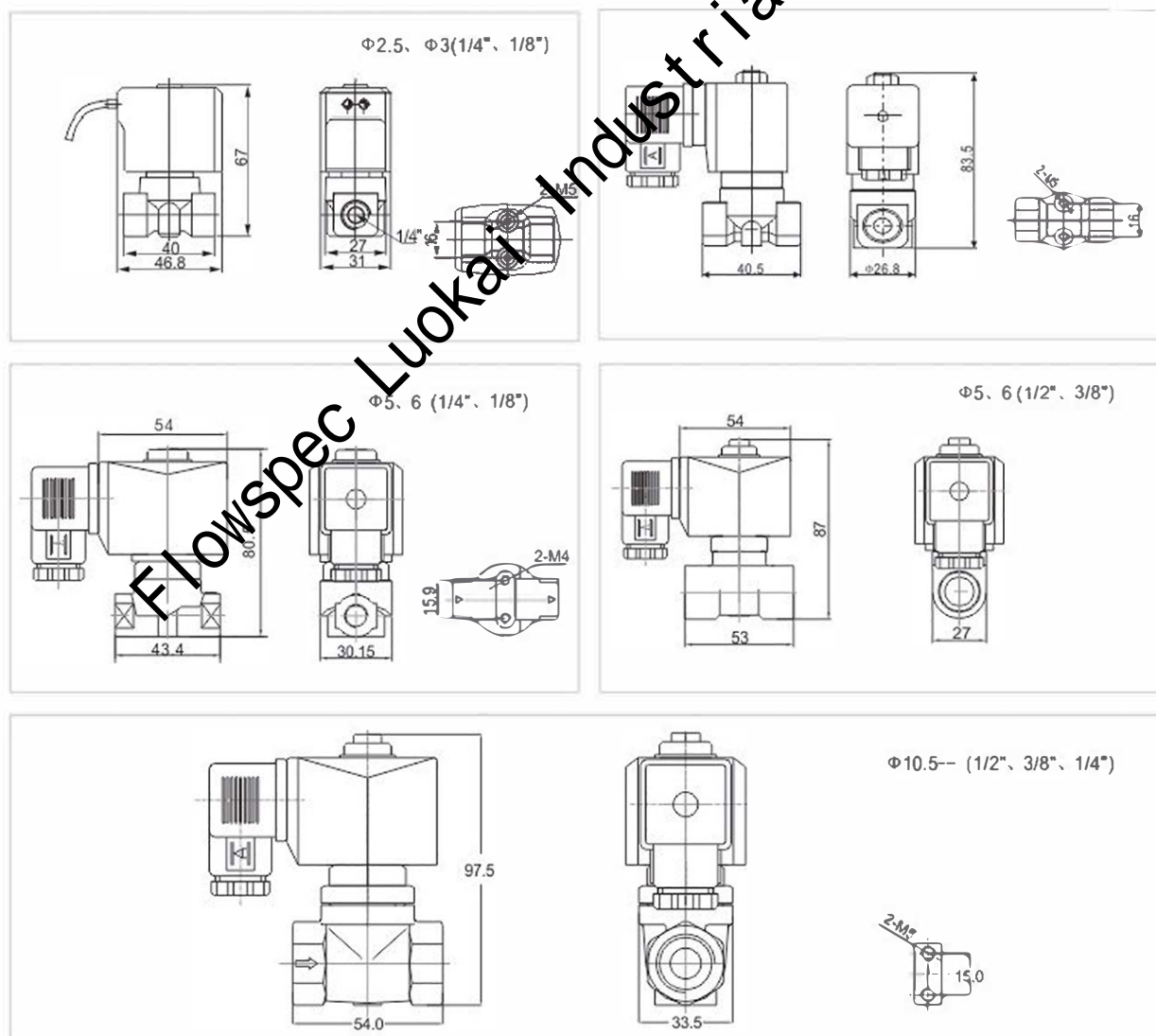


ZS Compact Series 2/2-Way Direct Acting Solenoid Valve · Normally Closed

- 1: 2-Way normally closed solenoid valve, Closed when de-energized, open when energized. Body material: brass
- 2: Max. Allowable pressure 16kgf/cm²; Fluids Temp: 0°C~120°C
- 3: Serialized products, small in size, large flow rate, widely use
- 4: Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
- 5: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC; Voltage Tolerance: +10% to -10% applicable voltage
- 6: Coil can fix Germany Nass Coil, for orifice under DN25 only.
- 7: This series valves are offered NBR, VITON, EPDM etc for Seals and diaphragm to provide on-off control of various fluids.
- 8: Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V



External Dimensions Chart



ZS Compact Series 2/2-Way Direct Acting Solenoid Valve · Normally Closed



Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)						Max. fluids Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC		Weight (KG)		
			Min	Max.							AC 220V	W 24V		B	Body material:			
				Air Gas		Water Hot water Liquids		Light oil ≦ 20CST							Forged brass		SS304	
				AC	DC	AC	DC	AC										DC
1/8" for N05 type coil only	2.5	0.23	0	7	5	7	5	7	5	80	N	13	8.5	B	ZS1NF02N1AC3	ZS1NF02N4AC3	0.35	
	2.5	0.23	0	7	5	7	5			120	N	13	8.5	B	ZS1NF02E1AC3	ZS1NF02E4AC3	0.35	
	2.5	0.23	0	7	5	7	5	7	5	120	N	13	8.5	B	ZS1NF02V1AC3	ZS1NF02V4AC3	0.35	
	3	0.3	0	5	4	5	4	5	4	80	N	13	8.5	B	ZS1NF02N1A03	ZS1NF02N4A03	0.35	
	3	0.3	0	5	4	5	4			120	N	13	8.5	B	ZS1NF02E1A03	ZS1NF02E4A03	0.35	
	3	0.3	0	5	4	5	4	5	4	120	N	13	8.5	B	ZS1NF02V1A03	ZS1NF02V4A03	0.35	
1/8"	5	0.65	0	6	4	6	4	4	3	80	D	20	20	F	ZS1DF02N1A05	ZS1DF02N4A05	0.46	
	5	0.65	0	6	4	6	4			120	D	20	20	F	ZS1DF02E1A05	ZS1DF02E4A05	0.46	
	5	0.65	0	6	4	6	4	4	3	120	D	20	20	F	ZS1DF02V1A05	ZS1DF02V4A05	0.46	
	6	0.8	0	4	2.5	4	2.5	3	2.5	80	D	20	20	F	ZS1DF02N1A06	ZS1DF02N4A06	0.46	
	6	0.8	0	4	2.5	4				120	D	20	20	F	ZS1DF02E1A06	ZS1DF02E4A06	0.46	
	6	0.8	0	4	2.5	4	2.5	3	2.5	120	D	20	20	F	ZS1DF02V1A06	ZS1DF02V4A06	0.46	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	80	D	20	20	F	ZS1DF02N1AC8	ZS1DF02N4AC8	0.45	
	7.5	1.0	0	1.5	1	1.5	1			120	D	20	20	F	ZS1DF02E1AC8	ZS1DF02E4AC8	0.45	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	120	D	20	20	F	ZS1DF02V1AC8	ZS1DF02V4AC8	0.45	
1/4" for N05 type coil only	2.5	0.23	0	7	5	7	5	7	5	80	N	13	8.5	B	ZS1NF02N1BC3	ZS1NF02N4BC3	0.34	
	2.5	0.23	0	7	5	7	5			120	N	13	8.5	B	ZS1NF02E1BC3	ZS1NF02E4BC3	0.34	
	2.5	0.23	0	7	5	7	5	7	5	120	N	13	8.5	B	ZS1NF02V1BC3	ZS1NF02V4BC3	0.34	
	3	0.3	0	5	4	5	4	5	4	80	N	13	8.5	B	ZS1NF02N1B03	ZS1NF02N4B03	0.34	
	3	0.3	0	5	4	5	4			120	N	13	8.5	B	ZS1NF02E1B03	ZS1NF02E4B03	0.34	
	3	0.3	0	5	4	5	4	5	4	120	N	13	8.5	B	ZS1NF02V1B03	ZS1NF02V4B03	0.34	
1/4"	5	0.65	0	6	4	6	4	4	3	80	D	20	20	F	ZS1DF02N1B05	ZS1DF02N4B05	0.45	
	5	0.65	0	6	4	6	4			120	D	20	20	F	ZS1DF02E1B05	ZS1DF02E4B05	0.45	
	5	0.65	0	6	4	6	4	4	3	120	D	20	20	F	ZS1DF02V1B05	ZS1DF02V4B05	0.45	
	6	0.8	0	4	2.5	4	2.5	3	2.5	80	D	20	20	F	ZS1DF02N1B06	ZS1DF02N4B06	0.45	
	6	0.8	0	4	2.5	4	2.5			120	D	20	20	F	ZS1DF02E1B06	ZS1DF02E4B06	0.45	
	6	0.8	0	4	2.5	4	2.5	3	2.5	120	D	20	20	F	ZS1DF02V1B06	ZS1DF02V4B06	0.45	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	80	D	20	20	F	ZS1DF02N1BC8	ZS1DF02N4BC8	0.44	
	7.5	1.0	0	1.5	1	1.5	1			120	D	20	20	F	ZS1DF02E1BC8	ZS1DF02E4BC8	0.44	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	120	D	20	20	F	ZS1DF02V1BC8	ZS1DF02V4BC8	0.44	

ZS Compact Series 2/2-Way Direct Acting Solenoid Valve · Normally Closed



Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. fluids Temp. °C	Coil Type	Power consumption		Coil Class	Model Code		Weight (KG)
			Min.	Max.						AC 220V			DC 24V	Follows Voltage are 220VAC				
				Air Gas		Water Hot water Liquids		Light oil ≤20CST						Body material:				
				AC	DC	AC	DC	AC	DC					Forged brass		SS304		
3/8"	4	0.6	0	8	5	8	5	5	5	80	D	20	20	F	ZS1DF02N1C04	ZS1DF02N4C04	0.6	
	4	0.6	0	8	5	8	5			120	D	20	20	F	ZS1DF02E1C04	ZS1DF02E4C04	0.6	
	4	0.6	0	8	5	8	5	5	5	120	D	20	20	F	ZS1DF02V1C04	ZS1DF02V4C04	0.6	
	5	0.65	0	6	4	6	4	4	3	80	D	20	20	F	ZS1DF02N1C05	ZS1DF02N4C05	0.51	
	5	0.65	0	6	4	6	4			120	D	20	20	F	ZS1DF02E1C05	ZS1DF02E4C05	0.51	
	5	0.65	0	6	4	6	4	4	3	120	D	20	20	F	ZS1DF02V1C05	ZS1DF02V4C05	0.51	
	6	0.8	0	4	2.5	4	2.5	3	2.5	80	D	20	20	F	ZS1DF02N1C06	ZS1DF02N4C06	0.51	
	6	0.8	0	4	2.5	4	2.5			120	D	20	20	F	ZS1DF02E1C06	ZS1DF02E4C06	0.51	
	6	0.8	0	4	2.5	4	2.5	3	2.5	120	D	20	20	F	ZS1DF02V1C06	ZS1DF02V4C06	0.51	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	80	D	20	20	F	ZS1DF02N1CC8	ZS1DF02N4CC8	0.49	
	7.5	1.0	0	1.5	1	1.5	1			120	D	20	20	F	ZS1DF02E1CC8	ZS1DF02E4CC8	0.49	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	120	D	20	20	F	ZS1DF02V1CC8	ZS1DF02V4CC8	0.49	
	10	1.6	0	0.5	0.3	0.5	0.3	0.4	0.2	80	D	20	20	F	ZS1DF02N1C10	ZS1DF02N4C08	0.62	
	10	1.6	0	0.5	0.3	0.5	0.3			120	D	20	20	F	ZS1DF02E1C10	ZS1DF02E4C08	0.62	
10	1.6	0	0.5	0.3	0.5	0.3	0.4	0.2	120	D	20	20	F	ZS1DF02V1C10	ZS1DF02V4C08	0.62		
1/2"	4	0.6	0	8	5	8	4	4	3	80	D	20	20	F	ZS1DF02N1D04	ZS1DF02N4D04	0.48	
	4	0.6	0	8	5	8	4			120	D	20	20	F	ZS1DF02E1D04	ZS1DF02E4D04	0.48	
	4	0.6	0	8	5	8	5	5	5	120	D	20	20	F	ZS1DF02V1D04	ZS1DF02V4D04	0.48	
	5	0.65	0	6	4	6	5	5	5	80	D	20	20	F	ZS1DF02N1D05	ZS1DF02N4D05	0.48	
	5	0.65	0	6	4	6	5			120	D	20	20	F	ZS1DF02E1D05	ZS1DF02E4D05	0.48	
	5	0.65	0	6	4	6	4	4	3	120	D	20	20	F	ZS1DF02V1D05	ZS1DF02V4D05	0.48	
	6	0.8	0	4	2.5	4	2.5	3	2.5	80	D	20	20	F	ZS1DF02N1D06	ZS1DF02N4D06	0.46	
	6	0.8	0	4	2.5	4	2.5			120	D	20	20	F	ZS1DF02E1D06	ZS1DF02E4D06	0.46	
	6	0.8	0	4	2.5	4	2.5	3	2.5	120	D	20	20	F	ZS1DF02V1D06	ZS1DF02V4D06	0.46	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	80	D	20	20	F	ZS1DF02N1DC8	ZS1DF02N4DC8		
	7.5	1.0	0	1.5	1	1.5	1			120	D	20	20	F	ZS1DF02E1DC8	ZS1DF02E4DC8	0.45	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	120	D	20	20	F	ZS1DF02V1DC8	ZS1DF02V4DC8		
	10	1.65	0	0.5	0.3	0.5	0.3	0.4	0.2	80	D	20	20	F	ZS1DF02N1D10	ZS1DF02N4D08		
	10	1.65	0	0.5	0.3	0.5	0.3			120	D	20	20	F	ZS1DF02E1D10	ZS1DF02E4D08	0.59	
10	1.65	0	0.5	0.3	0.5	0.3	0.4	0.2	120	D	20	20	F	ZS1DF02V1D10	ZS1DF02V4D08			