



ZS-H 2/2 Solenoid Valve (Normal Open)



Port Size	Orifices (mm)	CV Value	Pressure Difference (Bar)						Max. Temperature (°C)	Power		Model 220VAC			
			Max. Working Pressure							VA	W				
			Min. Pressure	Air, Gas		Water, Hot Water, Liquid		Light Oil <20CSTT				AC 220	DC 24V	Brass	Stainless Steel 304
AC	DC	AC		DC	AC	DC	AC	DC	AC 220	DC 24V	Brass	Stainless Steel 304			
3/8"	4.0	0.6	0	5	3	5	3	3	3	80	57	32	ZS10E2-4LH	ZS10E2-4LS2H	
	4.0	0.6	0	5	3	5	3	3	3	120	57	32	ZS10EE2-4LH	ZS10EE2-4LS2H	
	4.0	0.6	0	5	3	5	3	3	3	120	57	32	ZS10VE2-4LH	ZS10VE2-4LS2H	
	16	4.8	0	5	3	3	3	5	3	3	80	57	32	ZS10E2-16LH	ZS10E2-16LS2H
	16	4.8	0	5	3	3	3	5	3	120	57	32	ZS10EE2-16LH	ZS10EE2-16LS2H	
	16	4.8	0	5	3	3	3	5	3	120	57	32	ZS10VE2-16LH	ZS10VE2-16LS2H	
1/2"	16	4.8	0	5	3	5	3	3	3	80	57	32	ZS15E2-16LH	ZS15E2-16LS2H	
	16	4.8	0	5	3	5	3	3	3	120	57	32	ZS15EE2-16LH	ZS15EE2-16LS2H	
	16	4.8	0	5	3	5	3	3	3	120	57	32	ZS15VE2-16LH	ZS15VE2-16LS2H	
3/4"	20	7.6	0	5	3	5	3	3	3	80	57.2	32	ZS-20E2H	ZS-20E2S2H	
	20	7.6	0	5	3	5	3	3	3	120	57.2	32	ZS-20EE2H	ZS-20EE2S2H	
	20	7.6	0	5	3	5	3	3	3	120	57.2	32	ZS-20VE2H	ZS-20VE2S2H	
1"	25	12	0	5	3	5	3	3	3	80	57.2	32	ZS-25E2H	ZS-25E2S2H	
	25	12	0	5	3	5	3	3	3	120	57.2	32	ZS-25EE2H	ZS-25EE2S2H	
	25	12	0	5	3	5	3	3	3	120	57.2	32	ZS-25VE2H	ZS-25VE2S2H	
1-1/4"	32	24	0	5	3	5	3	3	3	80	70	40	ZS35E2-32LH	ZS35E2-32LS2H	
	32	24	0	5	3	5	3	3	3	120	70	40	ZS35EE2-32LH	ZS35EE2-32LS2H	
	32	24	0	5	3	5	3	3	3	120	70	40	ZS35VE2-32LH	ZS35VE2-32LS2H	
1-1/2"	40	29	0	5	3	5	3	3	3	80	70	40	ZS-40E2H	ZS-40E2S2H	
	40	29	0	5	3	5	3	3	3	120	70	40	ZS-40EE2H	ZS-40EE2S2H	
	40	29	0	5	3	5	3	3	3	120	70	40	ZS-40VE2H	ZS-40VE2S2H	
2"	50	48	0	5	3	5	3	3	3	80	70	40	ZS-50E2H	ZS-50E2S2H	
	50	48	0	5	3	5	3	3	3	120	70	40	ZS-50EE2H	ZS-50EE2S2H	
	50	48	0	5	3	5	3	3	3	120	70	40	ZS-50VE2H	ZS-50VE2S2H	
Flange 4 Port	25	12	0	5	3	5	3	3	3	80	57	32	—	ZSFEE2-25LS2H	
	25	12	0	5	3	5	3	3	3	120	57	32	—	ZSFEE2-25LS2H	
	25	12	0	5	3	5	3	3	3	120	67	32	—	ZSFVE2-25LS2H	
	32	24	0	5	3	5	3	3	3	80	70	40	—	ZSFEE2-32LS2H	
	32	24	0	5	3	5	3	3	3	120	70	40	—	ZSFEE2-32LS2H	
	32	24	0	5	3	5	3	3	3	120	70	40	—	ZSFVE2-32LS2H	
	40	29	0	5	3	5	3	3	3	80	70	40	—	ZSFEE2-40LS2H	
	40	29	0	5	3	5	3	3	3	120	70	40	—	ZSFEE2-40LS2H	
	40	29	0	5	3	5	3	3	3	120	70	40	—	ZSFVE2-40LS2H	
	50	48	0	5	3	5	3	3	3	80	70	40	—	ZSFEE2-50LS2H	
	50	48	0	5	3	5	3	3	3	120	70	40	—	ZSFEE2-50LS2H	
	50	48	0	5	3	5	3	3	3	120	70	40	—	ZSFVE2-50LS2H	

PU 2/2 Solenoid Valve (Normal Close)



How to Order?

PU220 -- -- E1 -- 03 -- S -- T

PU220 Series Blank: NBR Voltage E1:AC110V Port Size 03: 3/8" Blank Standard Type Blank: DIN Coil
V: VITON E2:AC220V 04: 1/2" S: Small Orifice Type T: With Timer
E3:DC12V 06: 3/4" E4:DC24V 08: 1"

Order example:
* PU220 series, 2 position, 2 port, NBR seal, 3/8" port size, small orifice, Voltage: AC220V, Model: PU220E2-03S
* PU220 series, 2 position, 2 port, NBR seal, 1/2" port size, with Timer, Voltage: DC24V, Model: PU220E4-04T

Specifications

Model	PU220E2-03S	PU220E2-04S	PU220E2-06	PU220E2-04	PU220E2-08	PU220E2-08
	PUT220E2-03S	PUT220E2-04S	PUT220E2-06	PUT220E2-04	PUT220E2-08	PUT220E2-08
Working Medium	Air, Water, Oil					
Orifice(mm)	6.0	8.0	13	13	20	25
Cv Value	1.00	1.00	4.00	4.00	8.60	11.00
Port Size	3/8"	1/2"	3/8"	1/2"	3/4"	1"
Fluid Viscosity	50 CST					
Working Pressure(Bar)	0-7					
Max. Pressure Resistance(Bar)	11					
Working Temperature Range(°C)	-5-80					

* With Voltage AC220V

2V Series 2/2 Solenoid Valve (Normal Close)

How to Order?

2V -- -- 025 -- E1 -- 08

2V Series Blank: NBR V: VITON Orifice 025: 2mm 130: 13mm 250: 25mm Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E7: AC24V Port Size 08: 1/8" 09: 1/4" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1"



Order example:
* 2V series, 2 position, 2 port, NBR seal, 1/4" port size, orifice 2.5mm, Voltage AC220V, Model: 2V025E2-08

Specifications

Model	2V025-06	2V025-08	2V130-10	2V130-15	2V250-20	2V250-25
Working medium	Air, Water, Steam					
Acting type	Direct acting Type			Pilot Type		
Type	Normal Close Type					
Orifice(mm)	2	—	13	—	—	25
Cv value	0	—	6	—	—	23
Port size	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Fluid viscosity	20 CST Below					
Working pressure(Bar)	Air, Water, Oil : 0-8			Air, Water, Oil : 0.5-7		
Max. Pressure resistance(Bar)	12					
Working temperature range(°C)	-10-80					
Voltage Range	±10%					
Protect Class	IP65					
Power Consumption	AC:7VA/60Hz, 0VA/50Hz, DC:5W					
Insulation	Class F					
Material of Valve Body	Brass					
Seal Material	NBR or VITON			NBR		
Shortest Response Time	0.05s / second					