SLH 2/2-Way High Temperature Solenoid Valve · Normally Closed

SLH 2/2 way normally closed ,high temperature solenoid valve series ,
it's a common operator in the automatic control system ; adpot the pilot valve ,
radiator , the pistons(main valve) to be a combination structure design ,
energized open , de-energized closed .
Mainly used in the automatic open/closed in the pipeline of steam ,
heat-conducting oil etc high-temperature media
So as to achieve the procedure control or
long-distance control of systems and equipment

Main technical parameters

1, Voltage: AC220V AC110V maintain power AC: 33VA (19.5W)
DC24V power DC: 24W
Voltage tolerance: ±10% （Other voltage can be customized ）

2, Coil type: Standard H Class Metallic Housing ,lead wires （W type）

3, Media temp: 5℃~225 ℃ (Seals Teflon+metal)

4, Media:Steam、heat-conducting oil etc(pls choose according to the related seals)

5, Action: Pilot structure solenoid valve, started by operation pressure

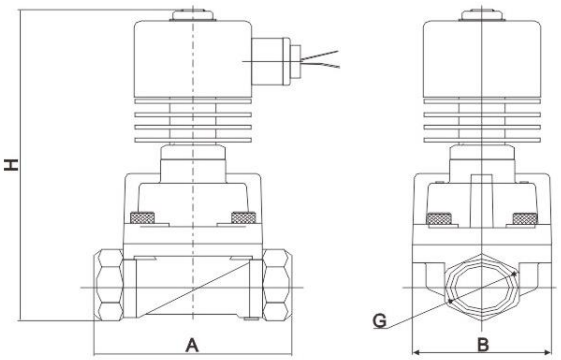
6, Body material: Stainless Steel

7, Install:Flow as the arrow, solenoid vertical and upright direction

Energized/De-energized Working Chart¨

Normally Closed

External Dimensions¨



Sanlixin Solenoid Valve

SLH 2/2-Way High Temperature Solenoid Valve · Normally Closed

Valve Selection List

Conn -ection thread	Orifice (mm)	CV factor	Operating pressure differential kgf/cm			Max temp. ℃	External Dimensions Length A x Width B x Height H	Model Code Follows Voltage are AC220V	Weight Kg
			min press ure	Max pressure					
				Heat-conducting oil	Steam				
3/8"	15	4.5	0.5	25	25	225	75x52x159	SLH1WH02T4C15	1.4
1/2"	15	4.5	0.5	25	25	225	75x52x159	SLH1WH02T4D15	1.36
3/4"	20	8.0	0.5	25	25	225	85x60x171	SLH1WH02T4E20	1.66
1"	25	12	0.5	25	25	225	100x70x178	SLH1WH02T4G25	2.06
1 1/4"	35	22	0.5	25	25	225	120x90x198	SLH1WH02T4H35	3.76
1 1/2"	35	22	0.5	25	25	225	120x90x198	SLH1WH02T4J35	3.66
2"	50	45	0.5	25	25	225	150x110x220	SLH1WH02T4K50	4.36

Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seals Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLH	1	W	H	02	T	1	E	20	□
		1: Normally Colsed	W: Metallic housing , lead wires	H: H class High temp -erature coil	02= AC220V 01= AC110V 08= AC380V 12= DC12V 13= DC24V	T= Teflon +Fiberglass	4= SS304 3= SS316	C =3/8" D =1/2" E =3/4" G =1" H =1 1/4" J =1 1/2" K =2" F =Flange connection	15=15 20=20 25=25 35=35 40=40 50=50 25=25 32=32 40=35 50=45	Code name: N =NPT Connection

SLB 2/2-way High (Low) Temperature Solenoid Valve · Normally Closed

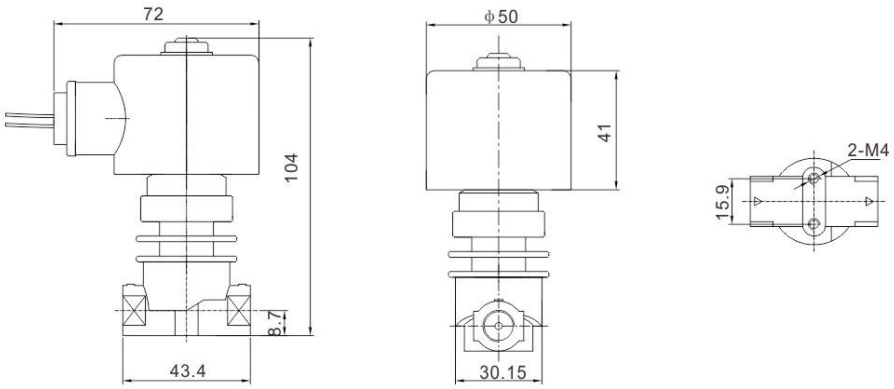
- SLB series solenoid valve it is serialized products, large flow rate,good applicability.widely used in steam, oil and the other high & low temperqture linquid control.
- Adopted high temperature resistance seal material-PTFE(which material import),when the media passage the properties is good.
- Coils type: high temperature resistance coil meanwile has the heat conduction protection.
- Ensure the long life time and high reliability.

Main Technical Parameters

1. 2/2-way solenoid valve, closed when de-energized,open when energized.
2. Main material: body: forged brass component:stainless steel
3. Seal material: teflon
4. Ambiet temp.:-20~65℃
5. Operating pressure:0.0~50.0kgf/cm^2
6. Media temp.:low temp.: -100℃~-10℃ high temp.:99℃~200℃
7. Media: high temperature:steam, heat conducting oil and so on
   low temperature:n_2 , o_2, co_2
   attenation:under the naturature temperature,such as air,water and the other media, please choose the other economy & suitable solenoid valve.
8. Voltage: ac24v/110v240v/230v 50/60hz dc12v/24v
   power consumption: ac27va (16w) dc24w
   voltage tolerance:-10%~+10%
   coils type: w (normal) a=din standard,metallic housing
   safty series: class h heat resistance coil, ip 65
9. Install: flow as the arrow,solenoid vertical and upright direction.if media has the eranule impurity,please install more than 60 mesh filter.

Normally Closed

External Dimensions



SLB 2/2-way High (Low) Temperature Solenoid Valve · Normally Closed

- SLB Series solenoid valve it is serialized products,large flow rate,good applicability.Widely used in steam,oil and the other high & low temperqture linquid control.
- Adopted high temperature resistance seal material-PTFE(which material is import),when the media passage the properties is good.
- Coils type: high temperature resistance coil meanwile has the heat conduction protection.
- Ensure the long life time and high reliability.
- Main Technical Parameters

Main Technical Parameters

1. 2/2-Way solenoid valve, Closed when de-energized,open when energized.
2. main material: body: forged brass component:stainless steel
3. Seal Material: TEFLON
4. Ambiet Temp.:-20~65℃
5. Operating Pressure:1.0~10.0kgf/cm^2 Max.:15.0kgf/cm^2
6. media Temp.:low Temp.: -100℃~-10℃ high Temp.:99℃~185℃
7. media: high temperature:steam, heat conducting oil and so on
   low temperature:N_2 , O_2, CO_2
   Attenation:Under the naturature temperature,such as air,water and the other media, please choose the other economy & suitable solenoid valve.
8. Voltage: AC24V/110V240V/230V 50/60HZ DC12V/24V
   Power Consumption: AC27VA (16W) DC24W
   Voltage Tolerance:-10%~+10%
   Coils type: W (Normal)=Leed Wires A=DIN Standard,Metallic Housing
   Safty Series: Class H Heat resistance coil, IP 65
9. Install: Flow as the arrow,solenoid vertical and upright direction.If media has the granule impurity,please install more than 60 mesh filter.

Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8
	Valve Series	Mode of Operation	Normally Closed	Voltage	Seal Material & Body Material	Pipe Size	Orifice	Options
E.G.	SLB	1	WH	02	T1	E	20	
		1= Normally Closed 2= Normally Open	W=Metallic Housing Lead Wires H CLASS A=DIN Standard Connections H CLASS	02=AC220V 01=AC110V 08=AC380V 12=DC12V 13=DC24V	T= Teflon 1=Forged Brass 4=SS304	C=3/8"	10=10.0 13=13.0	N= NPT Thread
						D=1/2"	10=10.0 13=13.0	
						E=3/4"	20=20.0	
						G=1"	25=25.0	
						H=1 1/4"	32=32.0	
						J=1 1/2"	40=40.0	
						F=Flange	25=DN25 32=DN32 40=DN40	

ZCT 2/2-Way Series Solenoid Valve · Normally Closed

Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seals Material	Body Material	Pipe Size	Orifice (ϕ mm)	Options
E.G.	ZCT	1	A	H	02	V	5	D	10	□
	ZCT Series	1: Normally Closed	A: Metallic Housing, DIN Standard D: DIN Standard Connections, Fully Encapsulated (for orifice ϕ 3mm only) S: NASS Coil	F:F class H:H class	02=220VAC 230VAC 50/60HZ 01=110VAC 120VAC 50/60HZ 13=DC24V 12=DC12V Contact the Company for other voltage	V: VITON T: Teflon	5=Stainless Steel 10=PMMA	A=1/8" B=1/4" B=1/4" C=3/8" C=3/8" D=1/2" D=1/2" E=3/4" G=1" A=1/8" B=1/4" C=3/8" D=1/2" D=1/2" E=3/4"	03=3.0 04=4.0 06=6.0 10=10. 15=15. 03=3.0 06=6.0 10=10. 15=15.	L: Neon Lamp N: NPT Connection

ZCT 2/2-Way Series Solenoid Valve · Normally Closed

1: 2-Way normally closed solenoid valve; Closed when de-energized, open when energized.

2: Body material: stainless steel and Plexiglas (standard), brass (special made)

3: Max. Allowable pressure 12kgf/cm^2;
Ambient Temp. 0℃~65℃（F CLASS），0℃~80℃（H CLASS）

4: Flow as the arrow, mounts in any position;
Best position is Solenoid vertical and upright direction.

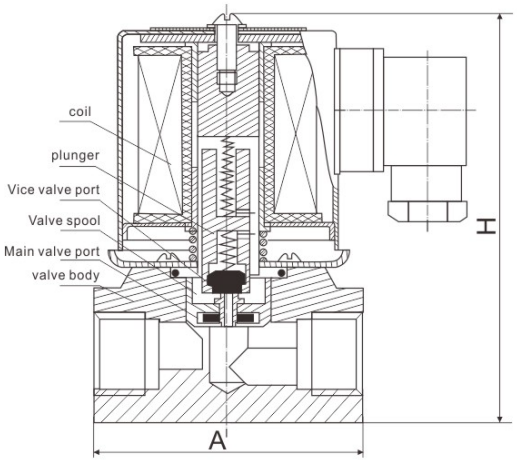
5: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ
24VDC/12V; Voltage Tolerance: +10% to -10% applicable voltage

6: Coil can fix Germany NASS Coil, for the orifice is 3mm only,
Standard voltage: 220VAC 50/60HZ 24VDC

7: This series valves are offered VITON for Seals

Normally Closed **De-energized** **Closed** **Energized** **Open**

Construction, External Dimensions Chart



Sanlixin Solenoid Valve

ZCT 2/2-Way Series Solenoid Valve · Normally Closed

Valve Selection List

Pipe Conn -ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm²) Min.	Max. Air Gas AC	Max. Air Gas DC	Max. Water Hot water Liquids AC	Max. Water Hot water Liquids DC	Max. Light oil AC	Max. Light oil DC	Max. Steam AC/DC	Max. Fluids Temp.	Coil Type	Power consumption VA AC 220 V	Power consumption W DC 24 V	Coil Class	External Dimensions Length xWidth x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
1/8"	3	0.23	0	13	10	13	10	10	7	3	130	D	22	13	F	36×36×82	ZCT1DF02V5A03	0.36
1/4"	3	0.23	0	13	10	13	10	10	7	3	130	D	22	13	F	36×36×82	ZCT1DF02V5B03	0.36
	4	0.6	0	7	7	7	7	5	5	3	130	D	22	13	F	50×30×82	ZCT1DF02V5B04	0.8
3/8"	4	0.6	0	7	7	7	7	5	5	3	130	D	22	13	F	50×30×82	ZCT1DF02V5C04	0.8
	6	0.9	0	6	6	6	6	6	6	5	155	A	19.8	12.5	H	50×30×82	ZCT1AH02V5C06	0.7
1/2"	6	0.9	0	6	6	6	6	6	6	5	155	A	19.8	12.5	H	50×30×82	ZCT1AH02V5D06	0.7
	10	1.5	0.1	10	10	10	10	7	7	5	155	A	19.8	22	H	70×38×110	ZCT1AH02V5D10	1.2
3/4"	15	4.5	0.1	10	10	10	10	7	7	5	155	A	19.8	22	H	80×40×115	ZCT1AH02V5E15	1.3
1"	15	4.5	0.1	10	10	10	10	7	7	5	155	A	19.8	22	H	80×40×115	ZCT1AH02V5G15	1.2

ZCT Series · 2/2-Way Plexiglas Solenoid Valve · Normally Closed

Valve Selection List

Pipe Conn -ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm²) Min.	Max. Air Gas AC	Max. Air Gas DC	Max. Water Hot water Liquids AC	Max. Water Hot water Liquids DC	Max. Fluids Temp.	Coil Type	Power consumption VA AC 220 V	Power consumption W DC 24 V	Coil Class	External Dimensions Length xWidth x Height L x W x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
1/4"	6	0.6	0	6	6	6	6	80	D	33	32	F	50×30×82	ZCT1DF02V10B06	0.4
3/8"	6	0.6	0	6	6	6	6	80	D	33	32	F	50×30×82	ZCT1DF02V10C06	0.4
1/2"	6	0.6	0	6	6	6	6	80	D	33	32	F	50×30×80	ZCT1DF02V10D06	0.4
1/2"	10	1.5	0.1	10	10	10	10	80	D	19.8	22	F	80×40×98	ZCT1DF02V10D10	0.55
3/4"	15	4.5	0.1	10	10	10	10	80	D	19.8	22	F	80×40×98	ZCT1DF02V10E15	0.55

Sanlixin Solenoid Valve

ZQDF General Use Series Solenoid Valve · Normally Closed

Technical parameters

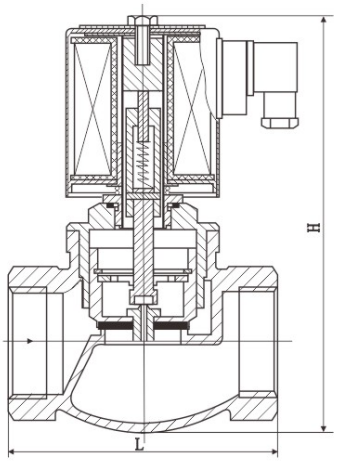
1	Max operation pressure: 8bar
2	Working pressure: 0-8bar
3	Fluid media: fluid, air, steam, and light oil ＜20CST
4	Fluid temp: ≤180℃
5	Voltage: AC:380V;220V;36V/50Hz DC:12V;24
6	Coil class: class H
7	Voltage tolerance -15% + 10%
8	Power consumption: 50w
9	Response time：open≤2sec, closed ≤3sec
10	Mounting position: flow as arrow, solenoid vertical and upright direction. Pure fluids.

Parameters

Model code	L (mm)	H (mm)	Pipe size(Female)	Body Material:
ZQDF-15	86	178	G 1/2″	Brass
ZQDF-20	94	180	G 3/4″	
ZQDF-25	105	190	G 1″	
ZQDF-32	115	210	G 11/4″	
ZQDF-40	130	223	G 11/2″	
ZQDF-50	150	228	G 2″	

TEFLON NOTE: standard Teflon, pls advise if you want viton

Construction, external dimension chart



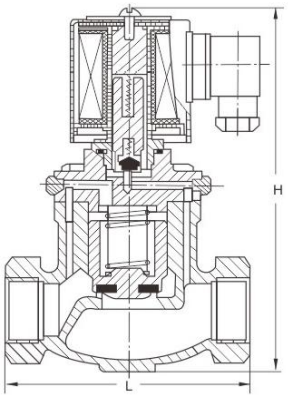
Sanlixin Solenoid Valve

ZCZ Series 2/2-way Solenoid Valve · Normally Closed

Technical parameters

1	Max Pressure	1.6MPa <1.0MPa>
2	Operting differential pressure	0.05~1.6MPa≥ϕ65 0.1~1.6MPa <ZCZP Series 0.04~1.0MPa>
3	Media	Liquid, gas, steam, oil<20CST
4	Media Temperature	≤180℃ <200℃
5	Voltage	AC:380V 220V 36V/50Hz DC:24V 110V 220V
6	Coils class	Class H
7	Power supply Tolerance	-15%~ +10%
8	Power	ϕ15~ ϕ50 24W ϕ65~ϕ 150 50W
9	Response Time	ϕ15~ ϕ50 Open≤2s Closed≤3s ϕ65~ ϕ150 Open≤3s Closed≤5s
10	Mounting Position	Flow as arrow, solenoid vertical and upright direction, pure

Construction, external dimension chart



Parameters

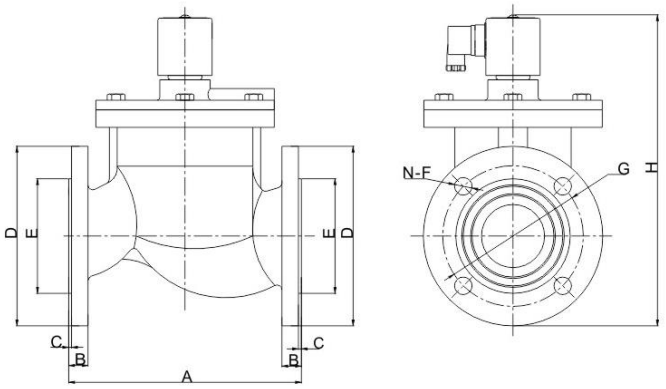
Model code	L (mm)	W(mm)	Plpe size (Female Thread)	Body Materlal	Wight(KG)
ZCZ-15	90	150	G 1/2″	Brass	1.3
ZCZ-20	100	160	G 3/4″		1.5
ZCZ-25	115	176	G 1″		2.3
ZCZ-32	140	201	G 11/4″		3.1
ZCZ-40	155	223	G 11/2″		4.4
ZCZ-50	170	230	G 2″		5.9

ZCZ Series 2/2-way Solenoid Valve · Normally Closed

Technical parameters

1	Operation pressure: ≤ϕ65：0.5~16bar; ＞ϕ65:1~16bar (ZCZP Series:0.4~1.0MPa)
2	Fluid media: fluid, air, steam, and light oil<20CST
3	Voltage: AC:380V,220V,36V DC:24V,110V,220V
4	Coil class: class H
5	Voltage tolerance -15% + 10%
6	Power consumption: ϕ20~ ϕ50 24W ; ϕ65~ ϕ150 50W
7	Response time: ϕ20~ ϕ50 Open≤2s Closed≤3s; ϕ65~ ϕ150 Open≤3s Closed≤5s
8	Mounting position: flow as arrow, solenoid vertical and upright direction, pure fluids.

Construction, external dimension chart

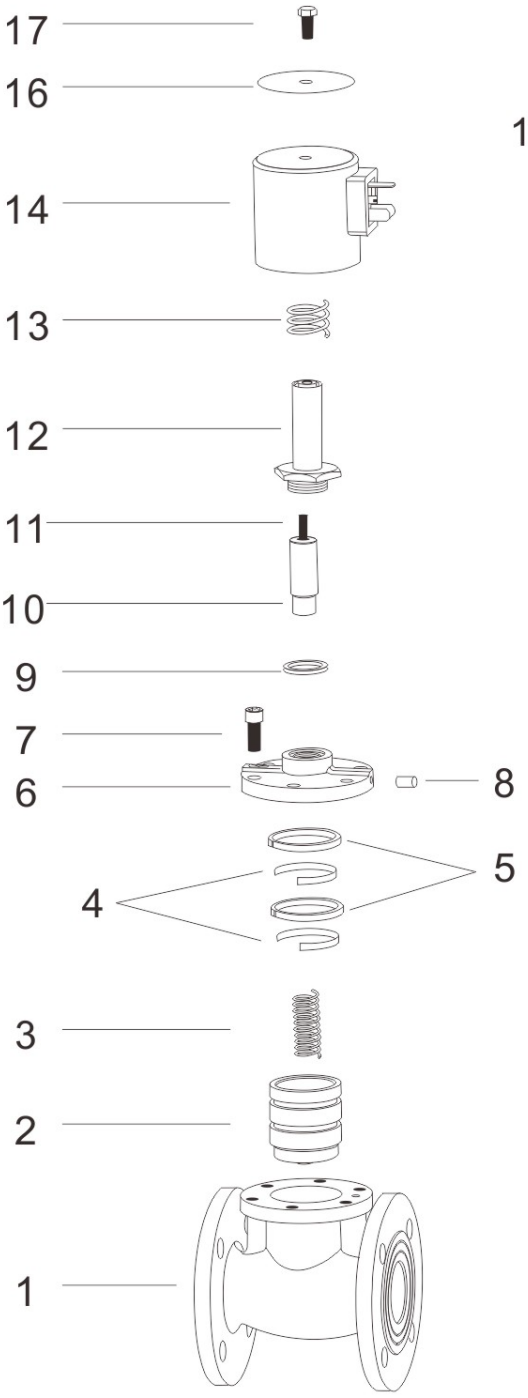


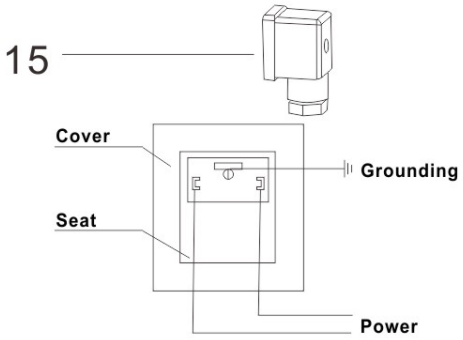
Parameters

Model code	A	B	C	ΦD	ΦE	ΦF	ΦG	H	N	Body material	Weight(KG)
ZCZ-20F	110	12	2	102	56	14	75	185	4	Brass body	2.8
ZCZ-25F	122	13	2	112	65	14	85	202	4		4.9
ZCZ-32F	140	16	2	140	78	18	100	240	4		5.5
ZCZ-40F	150	16	2	148	84	18	110	254	4		7.6
ZCZ-50F	160	17	2	165	102	18	125	265	4		9.1
ZCZ-65F	240	20	3	185	118	18	145	360	4	Cost Iron	——
ZCZ-80F	280	22	3	200	132	18	160	400	4		
ZCZ-100F	320	25	3	220	160	18	180	420	8		
ZCZ-150F	400	28	3	285	212	22	240	570	8		

Sanlixin Solenoid Valve

ZCZ Series 2/2-way Solenoid Valve · Normally Closed





Electric wiring chart

Code	Components
01	Valve body
02	Piston assembly
03	Piston spring
04	Elastic ring
05	Piston ring
06	Valve cover
07	Valves fixed screw
08	core plug
09	Plunger tube seals ring
10	Plunger assembly
11	Plunger spring
12	Plunger tube assemble
13	Coil
14	Coil spring
15	Plug
16	Namplate
17	Lock nut