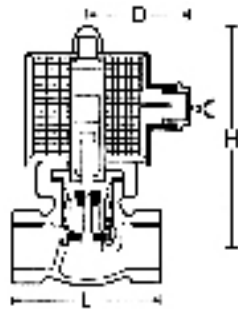


## US Series



1. **US series** is multiplex-drive, pilot operated piston, conductive, and normally closed.
2. Valve body made of Cast Bronze.
3. Standard Voltage: 110VAC / 220VAC / 24VDC. (50/60HZ)
4. Customized voltage AC / DC are available.
5. Screwed end to BSPT. Option screwed: NPT, BSP Thread.
6. Max. Instantaneous temperature: 185°C (PTFE)
7. The pressure in excess of 15 kgf/cm<sup>2</sup> can be customized. Please define fluid type and working pressure when requested.
8. AC Voltage tolerance: +/- 10%  
DC Voltage tolerance: +/- 1%
9. **Not apply for fluid of**
  - Liquid statue when heat, solid status when cool.
  - Viscosity over 20 cst.
  - Corrosive fluid.

### Material

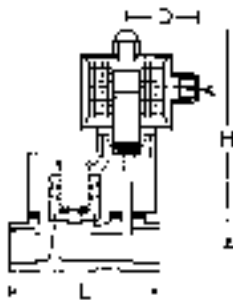
Model	US
Body	Cast Bronze
Coil	Special Copper Wire (H)
Core Needle	ST.ST.
Tube	ST.ST.
Spring	ST.ST.
Plug	PTFE + 15%GF
Piston Plug	PTFE
Piston	Brass

### Dimension

Model	Pipe Size	Cv	Orifice	Fluid				Max. Operating Pres. kgf/cm <sup>2</sup>				Dimension (mm)			Wt. (kg)
				Temp °C	Water	Air	Steam	Heavy Oil	L	H	D				
US-15	1/2"	4.0	17 mm	-5°C~185°C	0.5-15	0.5-15	0.5-10	0.5-10	82	125	58	1.60			
US-20	3/4"	6.0	17 mm	-5°C~185°C	0.5-15	0.5-15	0.5-10	0.5-10	82	125	58	1.67			
US-25	1"	12	22 mm	-5°C~185°C	0.5-15	0.5-15	0.5-10	0.5-10	91	133	58	2.02			
US-35	1.1/4"	18	30 mm	-5°C~185°C	1-10	1-15	1-10	1-10	111	141	58	3.08			
US-40	1.1/2"	22	30 mm	-5°C~185°C	1-10	1-15	1-10	1-10	111	144	58	3.10			
US-50	2"	48	50 mm	-5°C~185°C	1-10	1-15	1-10	1-10	163	175	58	6.82			

# SOLENOID VALVE

## SUS Series



1. **SUS series** is multiplex-drive, pilot operated piston, conductive, and normally closed.
2. Valve body made of Investment Casting S/S 316.
3. Standard Voltage: 110VAC / 220VAC / 24VDC. (50/60HZ)
4. Customized voltage AC / DC are available.
5. Screwed end to BSPT. Option screwed: NPT, BSP Thread.
6. Max. Instantaneous temperature: 185°C (PTFE)
7. Special suitable for activities frequently operated.
8. AC Voltage tolerance: +/- 10%  
DC Voltage tolerance: +/- 1%
9. **Not apply for fluid of**
  - Liquid statue when heat, solid status when cool.
  - Viscosity over 20 cst.
  - Corrosive fluid.

### Material

Model	SUS
Body	CF8M
Coil	Special Copper Wire (H)
Core	ST.ST.
Tube	ST.ST.
Spring	ST.ST.
Plug	NBR, PTFE
Piston Plug	NBR, PTFE
Piston	ST.ST.

### Dimension

Model	Pipe Size	Cv	Orifice	Fluid				Max. Operating Pres. kgf/cm <sup>2</sup>				Dimension(mm)			Wt. (kg)
				Temp °C	Water	Air	Steam	Light Oil	L	H	D				
*SUS-15	1/2"	4.0	17 mm	-5°C~185°C	0.5-10	0.5-10	0.5-10	0.5-10	84	115	48	1.38			
*SUS-20	3/4"	6.0	17 mm	-5°C~185°C	0.5-10	0.5-10	0.5-10	0.5-10	84	120	48	1.43			
*SUS-25	1"	12	22 mm	-5°C~185°C	0.5-10	0.5-10	0.5-10	0.5-10	98	132	48	1.88			
*SUS-35	1.1/4"	18	30 mm	-5°C~185°C	0.5-10	0.5-10	0.5-10	0.5-10	123	142	48	2.62			
*SUS-40	1.1/2"	22	30 mm	-5°C~185°C	0.5-10	0.5-10	0.5-10	0.5-10	123	146	48	2.72			
*SUS-50	2"	48	50 mm	-5°C~185°C	0.5-10	0.5-10	0.5-10	0.5-10	167	173	48	5.45			

Mark \* : DIN coil available for requested.