

US(2L) SERIES SOLENOID VALVE FOR STEAM



Ordering Code

US (2L)	-	15	-	SS	-	F	-	A	-	AC220V
2/2 Way Solenoid Valve		Port Size		Material of body		Blank: Thread		Blank: Round Coil		Standard Voltage
		15: ZG1/2"		S.S.: Stainless Steel		F: Flange		S: IP65 DIN Coil		DC12V
		20: ZG3/4"		Brass		L: Direct Acting		A: Water-proof Coil		DC24V
		25: ZG1"				V: VITON		Z: Ex-proof Coil		AC24V 50Hz/60Hz
								ES: Energy Saving Coil		AC110V 50Hz/60Hz
										AC220V 50Hz/60Hz
										AC380V 50Hz/60Hz

Specification

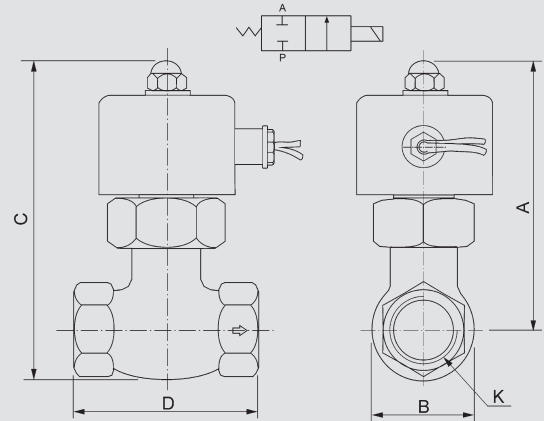
Model	US(2L)-15	US(2L)-20	US(2L)-25	US(2L)-35	US(2L)-40	US(2L)-50
Working Medium	Air, Water, Steam					
Operation	Pilot Operated / Direct Acting					
Acting Type	Normally Closed					
Orifice Size (mm)	17		22	30		50
CV Value	4.8		12	20		48
Port Size	ZG1/2"	ZG3/4"	ZG1"	ZG1 ¹ /4"	ZG1 ¹ /2"	ZG2"
Operation Fluid Viscosity	20 CST Below					
Pressure Difference	Pilot Operated: 0.1~1.5MPa			Direct Acting: 0~0.8MPa		
Operating Temperature	PTFE: -20 ~ 185℃			VITON: -10 ~ 150℃		
Voltage Range	± 10%					
Material of Body	Brass or Stainless Steel					
Material of Oil Seal	PTFE / VITON					

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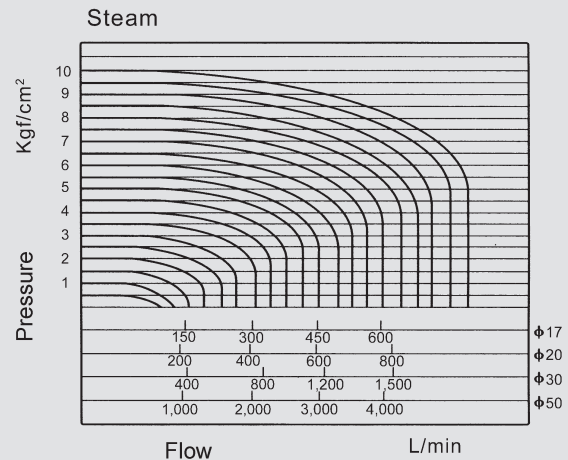
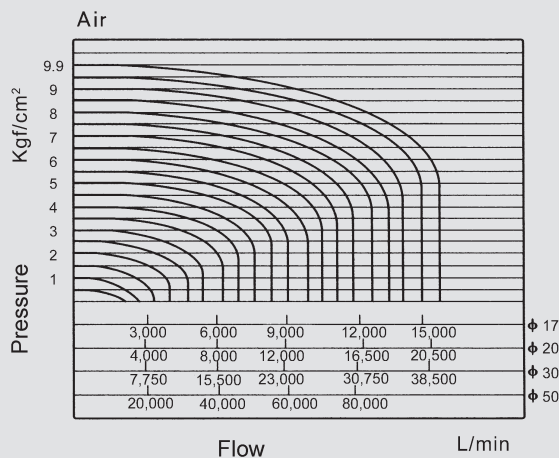
Dimension Sheet

Model	A	B	C	D	K
US(2L)-10	125	42	146	85	ZG3/8"
US(2L)-15	125	42	146	85	ZG1/2"
US(2L)-20	125	42	146	85	ZG3/4"
US(2L)-25	136	52	162	93	ZG1"
US(2L)-35	148	74	183	111	ZG1 1/4"
US(2L)-40	147	74	183	111	ZG1 1/2"
US(2L)-50	176	86	223	167	ZG2"

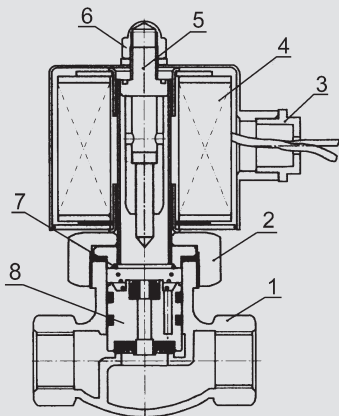
Overall Dimension



Flow Chart



Internal Structure



NO.	Name
1	Valve Body
2	Hexagonal Nut
3	Loire Cover
4	Coil Combination
5	Movablecore
6	Nut
7	Compressed Spring
8	Piston