
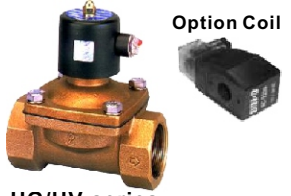










SOLENOID VALVE

For steam, Air, Water, Oil, Gas, Vacuum, Acid... Etc.

	DIN	MODEL	Cv	PIPE SIZE	ORIFICE	VALVE BODY	FLUID TEMP.°C	MAX. OPERATING PRESSURE DIFF. KG/CM				DIMENSION (mm)			WEIGHT (kg)
								WATER	AIR	STEAM	Heavy Oil	L	H	D	
 US-15 US-15-F		US-15	4.0	1/2"	17mm	Bronze	-5 ~ 185°C	0.5-10	0.5-15	0.5-10	0.5-10	82	120	58	1.7
		US-20	6.0	3/4"	17mm	Bronze	-5 ~ 185°C	0.5-10	0.5-15	0.5-10	0.5-10	82	123	58	1.7
		US-25	12	1"	22mm	Bronze	-5 ~ 185°C	0.5-10	0.5-15	0.5-10	0.5-10	91	130	58	2.0
		US-35	18	1 1/4"	30mm	Bronze	-5 ~ 185°C	1-10	1-15	1-10	1-10	110	141	58	3.1
		US-40	22	1 1/2"	30mm	Bronze	-5 ~ 185°C	1-10	1-15	1-10	1-10	110	144	58	3.3
		US-50	48	2"	50mm	Bronze	-5 ~ 185°C	1-10	1-15	1-10	1-10	163	173	58	7.2
		US-15F	4.0	1/2"	17mm	Bronze	-5 ~ 185°C	0.5-10	0.5-15	0.5-10	0.5-10	105	120	58	2.6
		US-20F	6.0	3/4"	17mm	Bronze	-5 ~ 185°C	0.5-10	0.5-15	0.5-10	0.5-10	110	123	58	3
		US-25F	12	1"	22mm	Bronze	-5 ~ 185°C	0.5-10	0.5-15	0.5-10	0.5-10	120	130	58	4.2
		US-35F	18	1 1/4"	30mm	Bronze	-5 ~ 185°C	1-10	1-15	1-10	1-10	140	141	58	5.8
		US-40F	22	1 1/2"	32mm	Bronze	-5 ~ 185°C	1-10	1-15	1-10	1-10	140	144	58	6.5
	US-50F	48	2"	50mm	Bronze	-5 ~ 185°C	1-10	1-15	1-10	1-10	195	173	58	10.5	
 UG/UV-series Option Coil	UG (For Gas) / UV (For Vacuum)														
	● UG/UV-10	4.5	3/8"	15mm	Brass/Bronze	-5 ~ 80°C			GAS	VACUUM					
	● UG/UV-15	4.5	1/2"	15mm	Brass/Bronze	-5 ~ 80°C			0-7	0-10 ⁻³ Torr	70	100	50	0.9	
	● UG/UV-20	8.6	3/4"	20mm	Brass/Bronze	-5 ~ 80°C			0-7	0-10 ⁻³ Torr	73	102	50	1.0	
	● UG/UV-25	12	1"	25mm	Brass/Bronze	-5 ~ 80°C			0-7	0-10 ⁻³ Torr	93	106	50	1.8	
	● UG/UV-35	24	1 1/4"	35mm	Brass/Bronze	-5 ~ 80°C			0-7	0-10 ⁻³ Torr	125	140	58	3.2	
	● UG/UV-40	28	1 1/2"	40mm	Brass/Bronze	-5 ~ 80°C			0-7	0-10 ⁻³ Torr	125	140	58	3.5	
● UG/UV-50	48	2"	50mm	Brass/Bronze	-5 ~ 80°C			0-7	0-10 ⁻³ Torr	167	170	58	5.4		
 UAW-series		UAW-15	4.0	1/2"	17mm	Bronze	-5 ~ 80°C								
		UAW-20	6.0	3/4"	17mm	Bronze	-5 ~ 80°C								
		UAW-25	12	1"	22mm	Bronze	-5 ~ 80°C								
		UAW-35	18	1 1/4"	30mm	Bronze	-5 ~ 80°C								
		UAW-40	22	1 1/2"	32mm	Bronze	-5 ~ 80°C								
		UAW-50	48	2"	50mm	Bronze	-5 ~ 80°C								
 UA (3 way)		UA-8	0.1	1/4"	1.2mm	Brass	-5 ~ 80°C								
	● UA-10	0.12	3/8"	1.5mm	Brass	-5 ~ 80°C									
 UAO-series		UAO-8	2.5	1/4"	10mm	Brass	-5 ~ 80°C								
	● UAO-10	2.5	3/8"	10mm	Brass	-5 ~ 80°C									
	● UAO-15	2.5	1/2"	10mm	Brass	-5 ~ 80°C									
 UDC-series Corrosion Resistance		UDC-8	0.28	1/4"	6.5mm	PVC	-5 ~ 80°C								
	● UDC-10	0.28	3/8"	6.5mm	PVC	-5 ~ 80°C									
	● UDC-15	0.28	1/2"	6.5mm	PVC	-5 ~ 80°C									
 UDC-TF series Corrosion Resistance		UDC-8-TF	0.28	1/4"	6.5mm	Teflon	-5 ~ 80°C								
	● UDC-10-TF	0.28	3/8"	6.5mm	Teflon	-5 ~ 80°C									
	● UDC-15-TF	0.28	1/2"	6.5mm	Teflon	-5 ~ 80°C									
	● UDC-20-TF	4	3/4"	13mm	Teflon	-5 ~ 80°C									
	● UDC-25-TF	4	1"	13mm	Teflon	-5 ~ 80°C									
 UW-15F		UW-15F	4.5	1/2"	15mm	Brass/Bronze	-5 ~ 80°C								
	● UW-20F	8.6	3/4"	20mm	Brass/Bronze	-5 ~ 80°C									
	● UW-25F	12	1"	25mm	Brass/Bronze	-5 ~ 80°C									
	● UW-35F	24	1 1/4"	35mm	Brass/Bronze	-5 ~ 80°C									
	● UW-40F	28	1 1/2"	40mm	Brass/Bronze	-5 ~ 80°C									
	● UW-50F	48	2"	50mm	Brass/Bronze	-5 ~ 80°C									
 SUW-15F		SUW-15F	4.5	1/2"	15mm	S/S 304	-5 ~ 80°C								
	● SUW-20F	8.6	3/4"	20mm	S/S 304	-5 ~ 80°C									
	● SUW-25F	12	1"	25mm	S/S 304	-5 ~ 80°C									
	● SUW-35F	24	1 1/4"	35mm	S/S 304	-5 ~ 80°C									
	● SUW-40F	28	1 1/2"	40mm	S/S 304	-5 ~ 80°C									
	● SUW-50F	48	2"	50mm	S/S 304	-5 ~ 80°C									
 UW-35F is multiplex-drive, diaphragm guide, conductive normal close. UW-35F-NO is multiplex-drive, diaphragm guide, conductive normal open. *Flange end: JIS 10K, ANSI 150LB or PN-16		UW-35F	22	1 1/4"	35mm	FC-20	-5 ~ 80°C								
	● UW-40F	30	1 1/2"	40mm	FC-20	-5 ~ 80°C									
	● UW-50F	40	2"	50mm	FC-20	-5 ~ 80°C									
	● UW-65F	68	2 1/2"	65mm	FC-20	-5 ~ 80°C									
	● UW-80F	102	3"	80mm	FC-20	-5 ~ 80°C									
	● UW-100F	180	4"	100mm	FC-20	-5 ~ 80°C									
	● UW-35F-NO	22	1 1/4"	35mm	FC-20	-5 ~ 80°C									
	● UW-40F-NO	30	1 1/2"	40mm	FC-20	-5 ~ 80°C									
	● UW-50F-NO	40	2"	50mm	FC-20	-5 ~ 80°C									
	● UW-65F-NO	68	2 1/2"	65mm	FC-20	-5 ~ 80°C									
● UW-80F-NO	102	3"	80mm	FC-20	-5 ~ 80°C										
● UW-100F-NO	180	4"	100mm	FC-20	-5 ~ 80°C										

■ ORDERING INFORMATION:

Model No — **Voltage** — **Screw-end** — **Usage-purpose**

(BSPT, NPT, BSP) (Water / Gas / Steam / Vacuum...)

SOLENOID VALVE

For steam, Air, Water, Oil, Gas, Vacuum, Acid... Etc.



DIN	MODEL	Cv	PIPE SIZE	ORIFICE	VALVE BODY	FLUID TEMP. °C	MAX. OPERATING PRESSURE DIFF. KG/CM				DIMENSION (mm)			WEIGHT (kg)
							STEAM	WATER	AIR	LIGHT OIL	L	H	D	
US-F	US-35F	22	1 1/4"	35mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10		200	206	58	10.5
	US-40F	30	1 1/2"	40mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10		200	206	58	11.7
	US-50F	40	2"	50mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10		210	223	58	13.5
	US-65F	68	2 1/2"	65mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10		240	230	58	19.1
	US-80F	100	3"	80mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10		300	249	58	27.0
	US-100F	175	4"	100mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10		340	264	58	39.0
US-F-NO	US-35F-NO	22	1 1/4"	35mm	FC-20	-5 ~ 185°C	0.5-8	0.5-8	0.5-8		200	226	58	10.7
	US-40F-NO	30	1 1/2"	40mm	FC-20	-5 ~ 185°C	0.5-8	0.5-8	0.5-8		200	226	58	11.9
	US-50F-NO	40	2"	50mm	FC-20	-5 ~ 185°C	0.5-8	0.5-8	0.5-8		210	243	58	13.7
	US-65F-NO	68	2 1/2"	65mm	FC-20	-5 ~ 185°C	0.5-8	0.5-8	0.5-8		240	250	58	19.3
	US-80F-NO	100	3"	80mm	FC-20	-5 ~ 185°C	0.5-8	0.5-8	0.5-8		300	269	58	27.2
	US-100F-NO	175	4"	100mm	FC-20	-5 ~ 185°C	0.5-8	0.5-8	0.5-8		340	284	58	39.2
SUS-F	SUS-15F	4.0	1/2"	17mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	120	120	48	2.5
	SUS-20F	6.0	3/4"	17mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	120	120	48	3.0
	SUS-25F	12	1"	22mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	150	134	48	4.2
	SUS-35F	18	1 1/4"	30mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	170	138	48	5.4
	SUS-40F	22	1 1/2"	30mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	170	146	48	6.0
	SUS-50F	48	2"	30mm	FC-20	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	210	173	48	9.5

⚠ USF / USF-NO / SUS-F Not for Fluid of (1) Liquid Status when Heat, Solid Status when cool (2) Viscosity Over 20cst (3) Corrosive Fluid

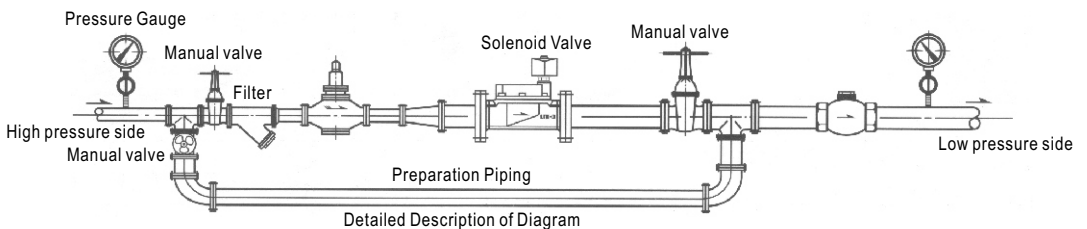
COIL Type	XL Type				L Type				M Type				S Type			
Dimension																
	D1	D2	D3	H	D1	D2	D3	H	D1	D2	D3	H	D1	D2	D3	H
Apply for Model No.	US-15-50 / UW-35-50 / SUW-35-50 / US-35-50NO / SUW-35-50NO / UW-35F-100F / US-35-100F / USF-NO / USF-NO / US-35-50F (Coon)				UW-25 / UD-10-15 / SUW-25				US-10(+NO) / UD-10(+NO) / UD-10H / UW-10-20(+NO) / SUW-15-25(+NO) / UA-10 / UW-35-50-1 / UPS-15-25(+NO) / SUS-15-50(+NO) / SUS-10(+NO)				UD-8 / UA-8 / UD-8-NO / UD-6 / UD-6H / UD-8H / US-8 / US-6 / US-6-NO / US-8-NO / UD-6-NO / SUS-8 / SUS-8-NO / SUS-6 / SUS-6-NO			

COIL Type	Waterproof Coil						DIN						NASS (Eex mII T4)		
Dimension															
	D	L	H	D	L	H	D	L	H	D	D1	L	H	D	L
Apply for Model No.	UD-6 / UD-6H / UD-8 / UD-8H / UA-8 / US-8			UW-10-25(+NO) / UA-10 / UW-35-50-1(+NO) / UPS-15-25 / SUW-15-25(+NO) / SUS-15-50			US-10 / UD-10 / UD-10H / UW-10-25 / UW-10-25NO / SUW-15-25 / SUW-15-25NO / UA-10 / UW-35-50-1 / UW-35-50-1-NO / UPS-15-25 / SUS-15-50 / UAO-8-15 / UDC-TF-8-15						UW-10-25 / SUW-15-25 / UPS-15-25 / SUS-15-25		

Explosion Proof Series	DIN	MODEL	Cv	PIPE SIZE	ORIFICE	VALVE BODY	FLUID TEMP. °C	MAX. OPERATING PRESSURE DIFF. KG/CM				DIMENSION (mm)			WEIGHT (kg)
								WATER	AIR	(STEAM)	LIGHT OIL	L	H	D	
PKS		PKS-15	4.0	1/2"	17mm	Forge Bronze	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	82	120	48	1.6
		PKS-20	6.0	3/4"	17mm	Forge Bronze	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	82	120	48	1.7
		PKS-25	12	1"	22mm	Forge Bronze	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	100	134	48	2.4
SKS		SKS-15	4.0	1/2"	17mm	Casting SS316	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	82	135	48	1.7
		SKS-20	6.0	3/4"	17mm	Casting SS316	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	82	135	48	1.8
		SKS-25	12	1"	22mm	Casting SS316	-5 ~ 185°C	0.5-10	0.5-10	0.5-10	0.5-10	100	149	48	2.1
PKW		PKW-10	2.4	3/8"	15mm	Brass	-5 ~ 80°C	0-5	0-7	0-5	0-5	70	100	50	1.4
		PKW-15	4.5	1/2"	15mm	Brass	-5 ~ 80°C	0-5	0-7	0-5	0-5	70	100	50	1.4
		PKW-20	8.6	3/4"	20mm	Brass	-5 ~ 80°C	0-5	0-7	0-5	0-5	73	102	50	1.2
		PKW-25	12	1"	25mm	Brass	-5 ~ 80°C	0-5	0-7	0-5	0-5	93	106	50	1.9
SKW		SKW-15	4.5	1/2"	15mm	Casting SS316	-5 ~ 80°C	0-5	0-7	0-5	0-5	70	100	50	1.1
		SKW-20	8.6	3/4"	20mm	Casting SS316	-5 ~ 80°C	0-5	0-7	0-5	0-5	73	102	50	1.2
		SKW-25	12	1"	25mm	Casting SS316	-5 ~ 80°C	0-5	0-7	0-5	0-5	93	106	50	1.7

CAUTION: (Operation for all kind of Solenoid Valve)

1. Pipes must be washed neat and clean before fitted.
2. A Y-STRAINER has to installed in the front of Solenoid Valve, that's best for long life.
3. Before installation, be sure what type of Fluid / Voltage / Pressure / Fluid Temperature used.



- ⚠ Not for Fluid of
- 1) Liquid Status when Heat, Solid Status when Cool.
 - 2) Viscosity Over 20 cst.
 - 3) Corrosive Fluid.