SOLENOID VALVES FOR WATER/BRINE / WEV

Type WEV-G

Type WEV-F

FEATURE

- Normally Closed Solenoid valve dedicated for water and brine.
- It can also be installed on vertical piping.
- Satndards : CE、UKCA (Please contact us for details such as approved specifications.)

APPLICATIONS

- Cooling / Heating equipment
- Air conditioning systems
- Various industrial equipment, etc.

COMMON SPECIFICATION

- Max. working pressure : 0.98 MPa

DESCRIPTION OF CATALOG NO.

WEV − 15 04 G L W ＊ A 4 C

(I) (II) (III) (IV) (V) (VI) (VII) (VIII) (IX)

I	Type
II	Port Size
III	Connection tube O.D.
IV	Connection type
V	Pressure class
VI	Fluid
VII	Coil Power supply
VIII	Coil Voltage
IX	Coil Style

TYPE NUMBER SELECTION

Catalog No.					Port Size (mm)	Cv Value	Connection		O.P.D. (MPa)	
Type	Model	Fluid	Rated Voltage	Coil Style			Style	Connection size	Min.	Max.
WEV	1504GL	W (Water) B＊1 (Hot Water, Glycol and Equivalent Fluid)	＊A1 (100V.AC) ＊A2 (200V.AC) ＊A3 (110V.AC) ＊A4 (220V.AC) ＊A7 (24V.AC) ＊AB (240V.AC) ＊D1 (100V.DC) ＊D6 (12V.DC) ＊D7 (24V.DC) ＊D8 (48V.DC)	C (Lead Wire type) W (Drip-proof terminal box type)	15	4.3	Rc	1/2"	0.015	0.98
	2006GL				20	7.8		3/4"		
	2510GL				25	10.4		1"		
	3212GL				32	17.6		1-1/4"		
	4014GL				40	26		1-1/2"		
	5020GL				50	42		2"	0.03	
	1504FL				15	4.3	Flange＊2 (Round Type)	15A	0.015	
	2006FL				20	7.8		20A		
	2510FL				25	10.4		25A		
	3212FL				32	17.6		32A		
	4014FL				40	26		40A		
	5020FL				50	42		50A	0.03	
	6524FL				65	65		65A		
	8030FL				80	100		80A		

＊1 Only Nybrine (ethylene glycol and propylene glycol) can be used.
＊2 The joint flange is not included. Please prepare the joint flange separately.

Catalog No.					Fluid Temperature (℃)	Ambient temperature (℃)	＊3 Wt. (kg)
Type	Model	Fluid	Rated Voltage	Coil Style			
WEV	1504GL	W (Water) B＊1 (Hot Water, Glycol and Equivalent Fluid)	＊A1 (100V.AC) ＊A2 (200V.AC) ＊A3 (110V.AC) ＊A4 (220V.AC) ＊A7 (24V.AC) ＊AB (240V.AC) ＊D1 (100V.DC) ＊D6 (12V.DC) ＊D7 (24V.DC) ＊D8 (48V.DC)	C (Lead Wire type) W (Drip-proof terminal box type)	0～60 (W) -35～90 (B) ＊No fluid freezing	-30～50 ＊No fluid freezing	0.6
	2006GL						0.8
	2510GL						1.1
	3212GL						1.6
	4014GL						2.4
	5020GL						3.6
	1504FL						2.0
	2006FL						2.6
	2510FL						3.7
	3212FL						5.0
	4014FL						5.7
	5020FL						7.7
	6524FL						12.8
	8030FL						16.5

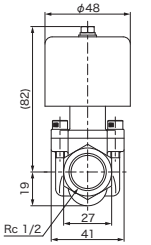
＊1 Only Nybrine (ethylene glycol and propylene glycol) can be used.
＊2 The joint flange is not included. Please prepare the joint flange separately.
＊3 Includes a coil. (AC lead wire type)

SPECIFICATIONS OF COILS

Rated Voltage	Frequency (Hz)	Tolerance (%)	Voltampere (VA)		Power consumption (W)	Insulation Class	Coil Style
			Running	Inrush			
24V.AC	50/60	±10	18/14	54/47	9/8	Class B Molded	Lead Wire type Drip-proof terminal box type
100V.AC							
110V.AC							
200V.AC							
220V.AC							
240V.AC							
12V.DC	—		—	—	11		
24V.DC							
48V.DC							
100V.DC							

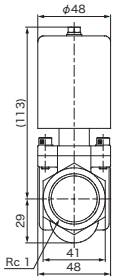
- Current (A) = Voltampere / Rated Voltage
- IP Lead Wire type : IP67, Drip-proof terminal box type : IP34
- The standard specification of the coil style is the Lead Wire type.
- Drip-proof terminal box type can be used indoors where water drops may fall.

Lead Wiri type
(AC coil, IP67)



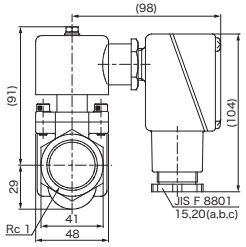
(Type WEV-1504GL)

Lead Wire type
(DC coil, IP67)



(Type WEV-2510GL)

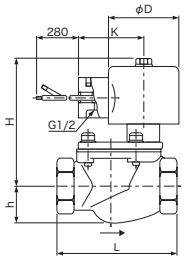
Drip-proof terminal box type
(IP34)



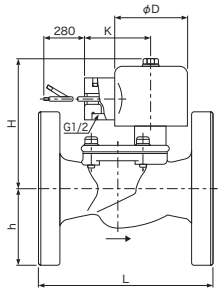
(Type WEV-2510GL)

Unit : mm

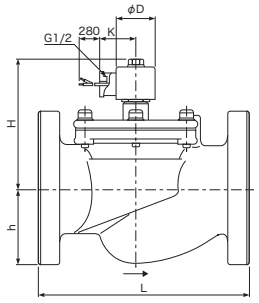
DIMENSIONS



Type WEV-G



Type WEV-1504FL to 4014FL

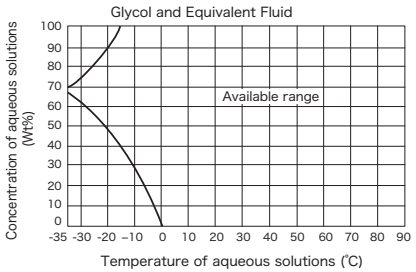


Type WEV-5020FL to 8030FL

Catalog No.		Unit : mm					
Type	Model	L	H*		h	ϕD	K
			AC	DC			
WEV	1504GL	65	82	104	19	48	44
	2006GL	80	86	108	25		
	2510GL	90	91	113	29		
	3212GL	105	97	119	36		
	4014GL	120	103	125	47		
	5020GL	140	126	148	55		
	1504FL	105	82	104	48		
	2006FL	115	86	108	50		
	2510FL	125	91	113	63		
	3212FL	140	97	119	68		
	4014FL	150	103	125	70		
	5020FL	160	126	148	78		
	6524FL	200	138	160	88		
	8030FL	240	152	174	93		

* "AC" refers assembled with AC power supply coil and "DC" refers assembled with DC power supply coil.

AVAILABLE RANGE OF GLYCOL



FLOW CHARACTERISTICS

for Water
(hot water)
piping

When used with brain, please expect a few percent decrease of flow rate.