

## SOLENOID VALVES FOR OIL / Type GMV



Type GMV-G

### FEATURE

- Solenoid valves for diesel fuel, kerosene, fuel oil
- Available both normally closed types and normally opened types.
- Standards : DNV (Please contact us for details such as approved specifications.)

### APPLICATIONS

- Water boilers
- Air heaters
- Fuel oil supply devices, etc.

### COMMON SPECIFICATION

- Fluid Temperature : -20 ~ 130°C
- Ambient temperature : -20 ~ 40°C

### DESCRIPTION OF CATALOG NO.

GMV - H 3 03 G \* A 1 U  
 I II III IV V VI VII VIII

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

### TYPE NUMBER SELECTION

Catalog No.		Rated Voltage	Coil Style	Operation	Port Size (mm)	Cv Value	Connection		O.P.D. (MPa)		Max. viscosity (mm <sup>2</sup> /S)	Max. working pressure (MPa)	* 2 Wt. (kg)
Type	Model						Style	Connection size	Min.	Max.			
GMV	H303G	* A1 (100V. AC)	U (Junction box type)	Normally Closed	2.8	0.24	Rc	3/8"	0	500	2.06	1.4	
	H304G							1/2"					
	H403G				4	3/8"							
	H404G					1/2"							
	H603G				6	3/8"							
	H604G					1/2"							
	H803G				8	3/8"							
	H804G					1/2"							
	H1204G*1	10.5	1.87	1/2"	0	500		2.06	2.8				
	S303G	* A2 (200V. AC)	W (Drip-proof terminal box type)	Normally Opened	2.8	0.24		3/8"	2.06	0.98	2.06	2.6	
	S304G							1/2"					
	S403G				4	3/8"							
	S404G					1/2"							
	S603G				6	3/8"							
	S604G					1/2"							
	S803G				8	3/8"							
S804G	1/2"												

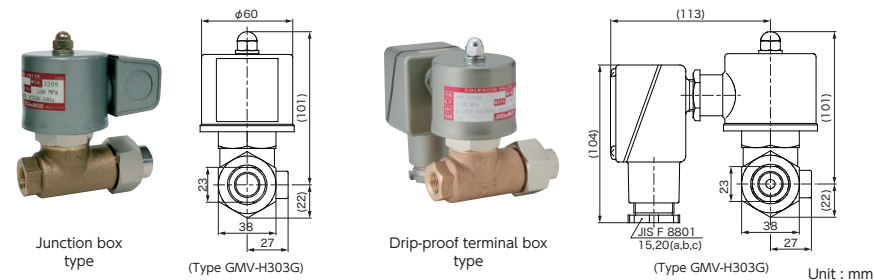
\* 1 GMV-H1204G is 3-way valve. Please contact us for details.

\* 2 Includes a coil (Junction box type).

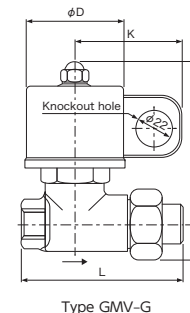
### SPECIFICATIONS OF COILS

Valve Body Type	Catalog No. Model	Rated Voltage	Frequency (Hz)	Tolerance (%)	Voltampere (VA)		Power consumption (W)	Insulation Class	Coil Style
					Running	Inrush			
GMV	H303G H304G S303G S304G	100V.AC 200V.AC	50/60	± 10	31/24	62/48	15/13	Class B Molded	Junction box type
	48/42				96/84	Drip-proof terminal box type			

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



### DIMENSIONS



Type GMV-G

Catalog No.		Unit : mm						
Type	Model	L	H	h	phi D	K		
GMV	H303G	100	101	22	60	66		
	H304G	125						
	H403G	135	139	27	75	75		
	H404G							
	H603G							
	H604G							
	H803G							
	H804G							
	H1204G						139	35
	S303G						100	101
	S304G	125						
	S403G	135	139	27	75	75		
	S404G							
	S603G							
	S604G							
	S803G							
S804G								

### FLOW CHARACTERISTICS

