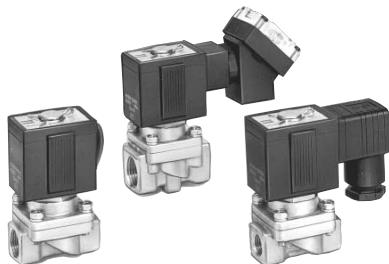


Pilot Operated 2 Port Solenoid Valve For High Pressure, Diaphragm Type Series **VXH**

- Orifice size $\phi 10$
- Max. operating pressure: 2 MPa



Valve Specifications

Port size	Orifice size (mm)	Min. operating pressure differential (MPa)	Max. operating pressure differential (MPa)			Flow characteristics					Max. system pressure (MPa)	(Note) Weight (g)
			Water	Air	Oil	Water, Oil, Steam		Air				
						Av x 10 ⁻⁶ m ²	Cv converted	C[dm ³ /(s·bar)]	b	Cv		
1/4	10	0.05	2	2	1.5	46	1.9	8.5	0.35	2.0	2	550
3/8						58	2.4	9.5	0.30	2.3		550
1/2						58	2.4	9.5	0.30	2.3		630



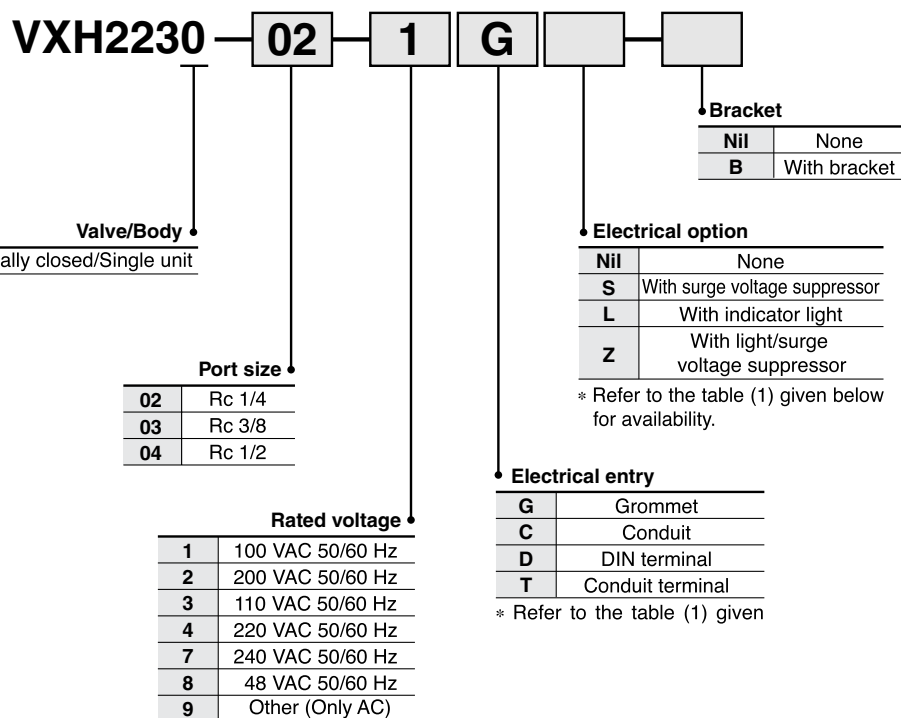
Note) It is a grommet value. Add the conduit 10 g, the DIN terminal 30 g and the conduit terminal 60 g respectively.

- Refer to "Glossary" on page 17-3-15 for details of max. operating pressure differential and max. system pressure.

Solenoid Specifications

Power source	Frequency (Hz)	Apparent power (VA)		Power consumption (W) (Holding)	Temperature rise (°C) (Rated voltage)
		Inrush	Holding		
AC	50	53	18	7.5	60
	60	44	12	6	50

How to Order



JIS Symbol



Caution

Be sure to read before handling. Refer to pages 17-6-3 to 17-6-10 for Safety Instructions and Solenoid Valve Precautions.

Table (1)

Rated Voltage—

Electrical Entry—Electrical Option

Insulation type		Class B			
Electrical entry		G	C	D, T	
Electrical option		S ^{Note)}	—	S	L, Z
AC	1 (100 V)	●	●	●	●
	2 (200 V)	●	●	●	●
	3 (110 V)	●	●	●	●
	4 (220 V)	●	●	●	●
	7 (240 V)	●	●	●	—
	8 (48 V)	●	●	●	—

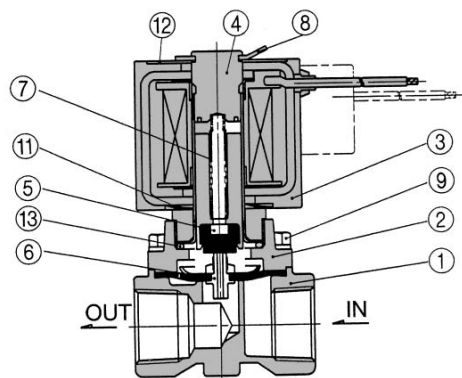


Note) Surge voltage suppressor is attached in the middle of lead wire.

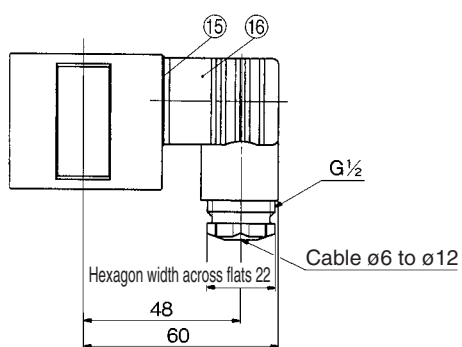
Series VXH

The VX* series will be revised shortly.

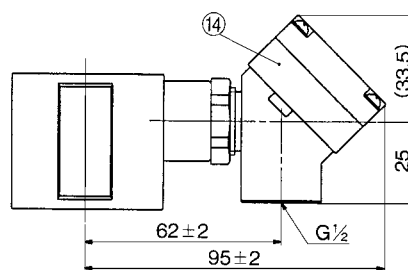
Construction/Dimensions



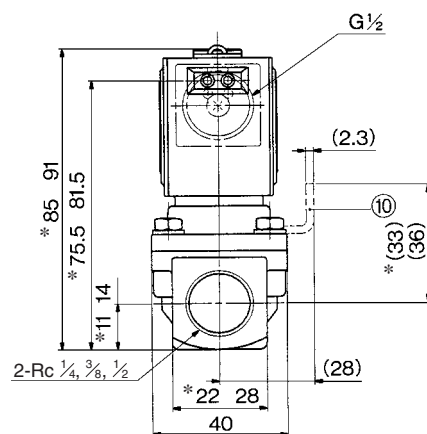
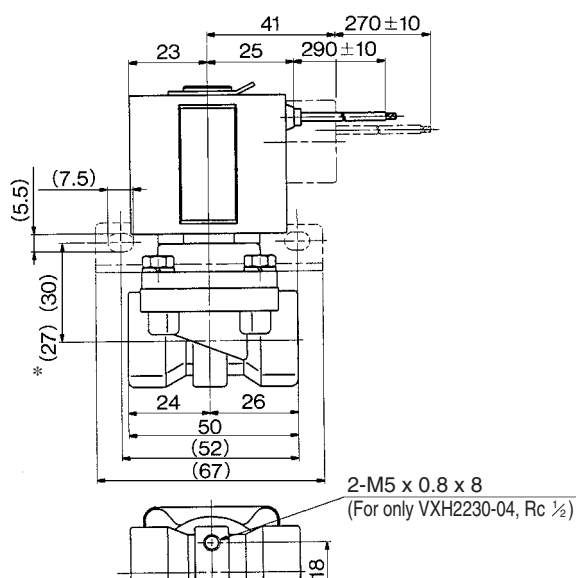
No.	Description	Material	Note
①	Body	C3771	
②	Bonnet	C3771	
③	Coil assembly	Epoxy mold	Class B insulation
④	Core assembly	Stainless steel, Cu	
⑤	Armature assembly	Stainless steel, NBR	
⑥	Diaphragm assembly	Stainless steel, NBR	
⑦	Return spring	Stainless steel	
⑧	Retainer	Stainless steel	
⑨	Upset bolt	Stainless steel	
⑩	Bracket	SPC	Option
⑪	Wave washer	Stainless steel	
⑫	Name plate	AL	
⑬	O-ring	NBR	
⑭	Terminal assembly	—	
⑮	Seal	CR	
⑯	DIN terminal	—	



DIN terminal



Conduit terminal



* For Rc 1/4, 3/8