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RPV Solenoid Valve



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Main advantages of Saginomiya Solenoid Valves:

- Smallest power consumption in the industry (4,5 W).
- Widely used in versatile applications from refrigeration to cold storage and air conditioning.
- Various lineup of port sizes and connection configurations.
- Lead wire type or DIN connection type.
- Made in Japan.



Features

Maximum Operating Pressure Difference	3,6 MPa
Maximum Working Pressure	4,3 MPa
Fluid Temperature	-40°C ~ 125°C
Ambient Temperature	-30°C ~ 50°C
Power Consumption (50 Hz / 60 Hz)	6 W / 4,5 W
Protection Level (DIN plug coil)	IP 65
Protection Level (Lead wire coil)	IP 67

General Description

Type RPV series are pilot operated, normal closed Solenoid Valves, which have been so designed to have features of environmental, energy saving and diversity. The RPV is applicable with all fluorocarbon refrigerant including R410A, which can be used in liquid, discharge and suction line of freezing, refrigeration and air conditioning system.

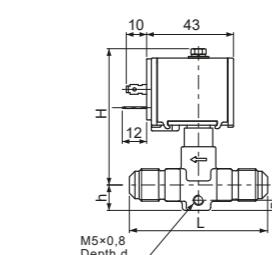
RPV SOLENOID VALVES

Type	Series	Nominal Capacity [kW]	Connection		O.P.D. [MPa]		Max. Working Press. [MPa]
			Copper pipe (O.D.)	Style	Min.	Max.	
RPV	302	4,0	1/4"	Solder, Flare	0	3,6	4,3
	303	4,5	3/8"				
	602	9,0	1/4"				
	603	13	3/8"				
	803	18	3/8"				
	804	21	1/2"		0,005		
	1004	36	1/2"				
	1005	36	5/8"				
	1205	54	5/8"				
	1606	84	3/4"				
1607	84	7/8"	Solder				

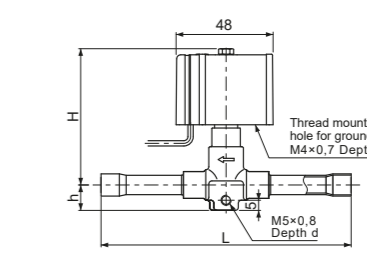
Note ⁽¹⁾ Capacity calculated for conditions: CT=38°C, ET=5°C, SC=0K, SH=0K,

RPV COIL SPECIFICATIONS

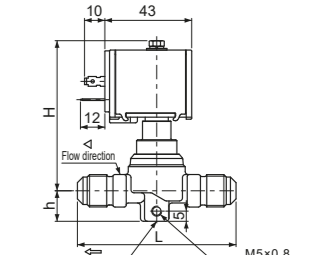
Rated Voltage		Voltampere (VA)		Power Consumption	Wiring	
		Running	Inrush		Lead wire	DIN
24 V AC	50/60 Hz					
100 V AC	50/60 Hz	12,5 / 9,5		6 / 4,5		
110 V AC	50/60 Hz					
200 V AC	50 Hz	12,5		6		
200-208 V AC	60 Hz	9,5 - 11		4,5 - 5		
220 V AC	50 Hz	12,5		6	+	+
220-230 V AC	60 Hz	9,5 - 11		4,5 - 5		
220-230 V AC	50 Hz	10,5 - 12,5		5,2 - 6		
230-240 V AC	60 Hz	9,5 - 11		4,5 - 5		
230-240 V AC	50 Hz	10,5 - 12,5		5,2 - 6		
240 V AC	60 Hz	9,5 - 11		4,5		



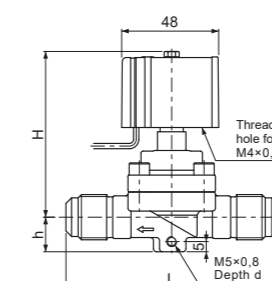
Type RPV-302BYF, 303BYF



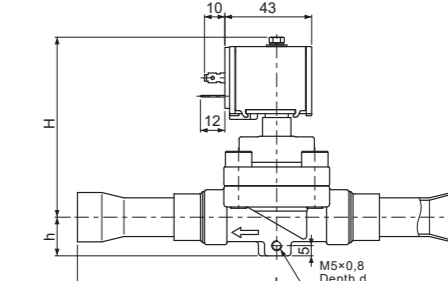
Type RPV-302DYF, 303DYF



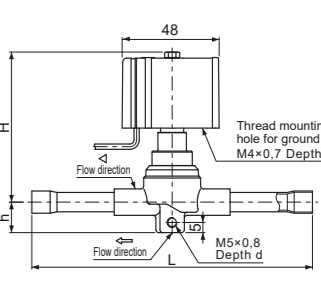
Type RPV-602BYF to 804BYF



Type RPV-1004BYF to 1606BYF



Type RPV-1004DYF to 1607DYF



Type RPV-602DYF to 804DYF

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