

## 2 Port Valve Series DW

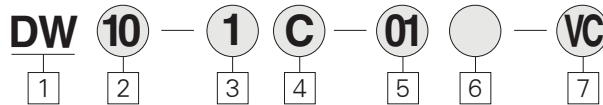
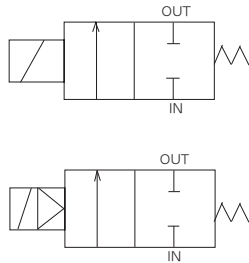


- Wide range of operating pressures  
0~7kgf/cm<sup>2</sup>(0~99.5psi)  
0~10kgf/cm<sup>2</sup>(0~142.2psi)  
0.3~10kgf/cm<sup>2</sup>(4.26~142.2psi)
- High flow capacity
- Efficient solenoid energy

Model						
Type	Port (Size)	Orifice Size (φ mm)	Effective orifice mm <sup>2</sup> (Cv)	Pressure	Solenoid Type	Weight(kgf)
DW03-*G-0 1	1/8(6A)	2.5	6 (0.3)	0~7kgf/cm <sup>2</sup> {0~99.5 psi}	Direct	0.3
DW03-*G-0 2	1/4(8A)	2.5	6 (0.3)		Direct	0.3
DW10-*C-0 2	1/4(8A)	10	34(1.9)	AC:0~10kgf/cm <sup>2</sup> (0~142.2psi) DC:0.3~7kgf/cm <sup>2</sup> (4~99.5psi)	Pilot	0.5
DW10-*C-0 3	3/8(10A)	10	43 (2.4)		Pilot	0.5
DW15-*C-0 4	1/2(15A)	15	160 (8.9)		Pilot	0.7
DW20-*C-0 6	3/4(20A)	20	170 (9.4)	0.3~10kgf/cm <sup>2</sup> {4~142psi}	Pilot	0.9
DW25-*C-10	1(25A)	25	225 (12.5)		Pilot	1.2

### How to Order

< Symbol >



**1** 2 Port Solenoid Valve

DW : (Water,Air,Oil)  
※ DWS : Steam

**2** Body(Orifice) Size mm(inch)

-Direct Type Solenoid  
03 : φ 2.5(0.1)  
-Pilot Type Solenoid  
10 : φ 10(0.4)  
15 : φ 15(0.6)  
20 : φ 20(0.8)

25 : φ 25(1.0)

**3** Voltage

1 : AC110V, 50/60Hz  
2 : AC220V, 50/60Hz  
5 : DC24V  
9 : Other

**4** Electric Connection

G, C : Grommet (only DW03 / UDW03)

**5** Port Size(PT)

01 : 1/8"      02 : 1/4"  
03 : 3/8"      04 : 1/2"  
06 : 3/4"      10 : 1"

**6** Blank : Standard

S : Sus Type(over 15 φ)

**7** VC : For Vacuum Type(-100kpa)

※ Constant Voltage : Both AC, DC available

### Standard Specifications

Applicable	Air, Water, Oil		
Proof Pressure	15kgf/cm <sup>2</sup> (213psi)		
Fluid Temperature	0~70° C (32~158°F)		
Temperature Rise	Max. 60° C(Max.140°F)		
Electrical Entry	Conduit		
Actuation Type	Direct or Pilot Solenoid		
Valve Type	Normally Closed		
Seat Type	Poppet		
Rated Voltage	AC (50/60Hz)	110V, 220V	
	DC	24V	
Voltage Range	Rated Voltage ±10%		
Coil Insulation	Class B or Equivalent(110℃)		
Power Consumption	AC	Starting	17VA (60Hz)
		Holding	15VA (60Hz)
	DC	11W	
Materials(Standard)	Body	BC6	
	Seal Materials	NBR	

- DS3000
- DS5000
- DP3000/3000/5000
- DS6000
- DS3000 (Base Ported)
- DX1,2
- DX2R
- DH
- DW
- DM
- DT220/UD1220/DC
- TPC-1000/1200
- PC
- PF
- PR
- PL
- PP
- PFH/PFU
- PLV
- TXF
- PVR/PNR
- PER2000/3000
- TAD
- EP
- EM/EL
- SPSA
- SPS
- SQ
- SC
- SP
- SP4000/SPM
- SP2000
- SN
- SQ2
- SH
- DCH
- SF
- ST
- W1
- W2/W3
- W4/W5
- W6/W7 Mini Auto Switch