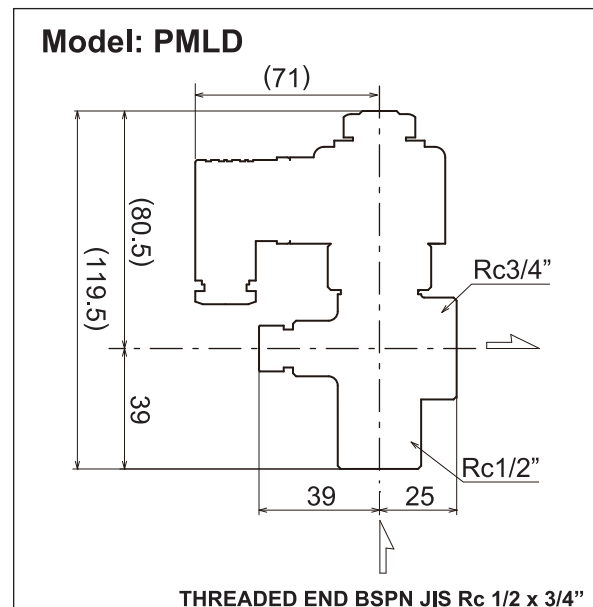
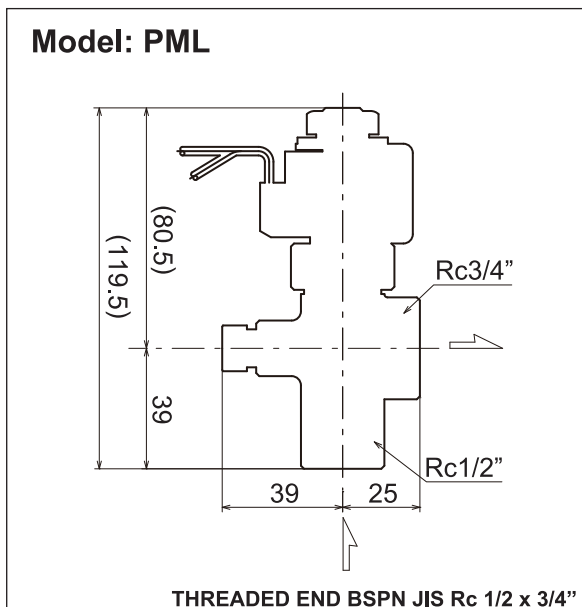
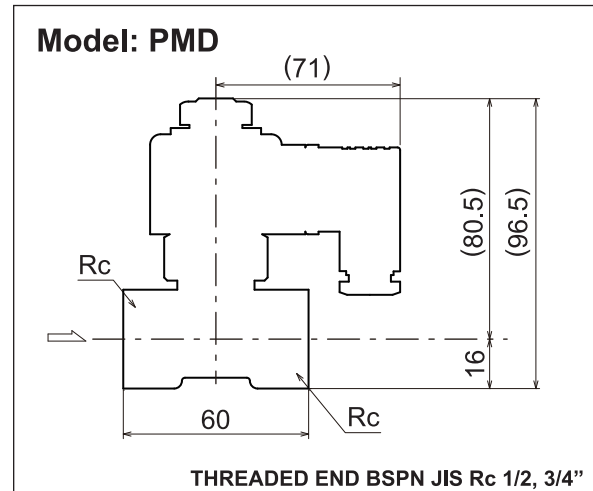
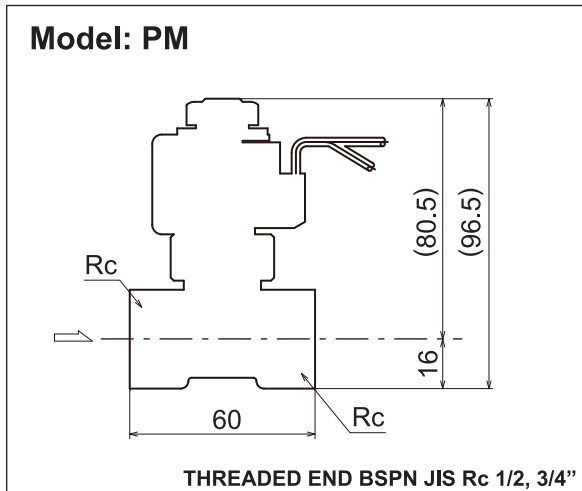
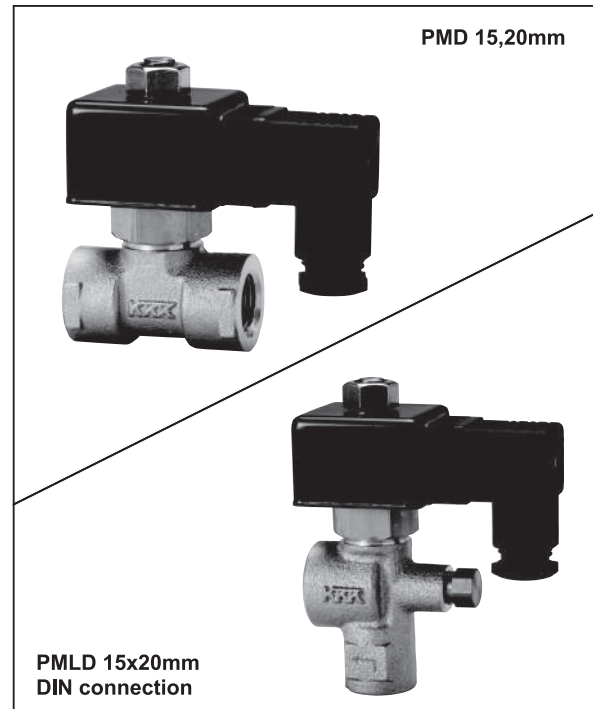
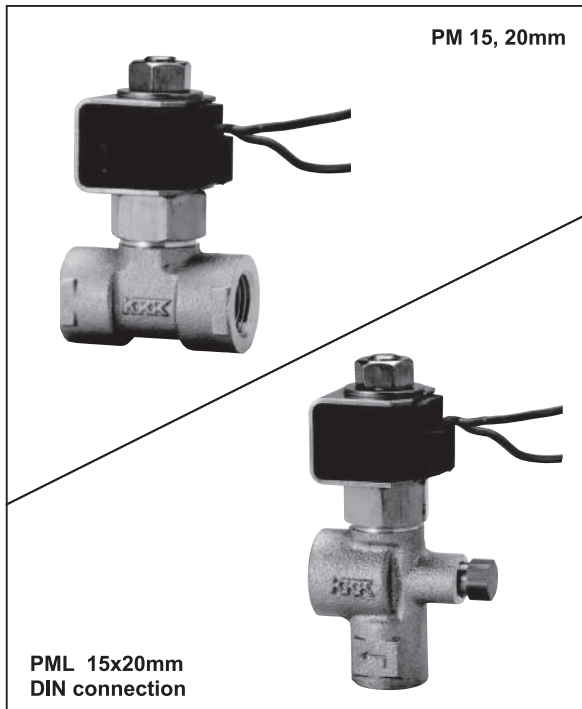


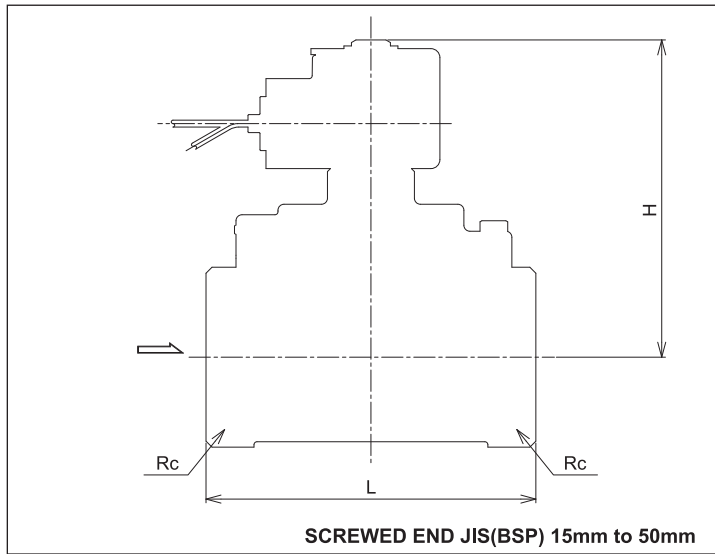
# BRONZE VALVES



## Normally close position of Solenoid valve : Model PM(D)/PML(D)



## Solenoid Valve : Model DK



### ●Dimensions:

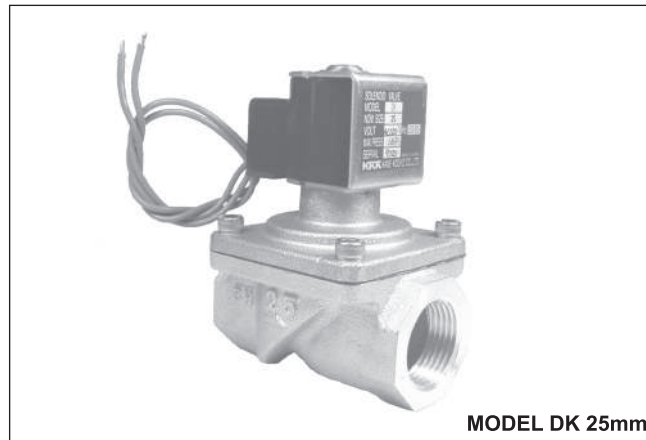
unit:mm

Connection Standard: JIS B0203 & BS21				
Nom.size		L	H	END
mm	inch			
15	1/2	80	88	1/2"
20	3/4	80	88	3/4"
25	1	90	97	1"
32	1-1/4	110	106	1-1/4"
40	1-1/2	110	106	1-1/2"
50	2	120	110	2"

### ●Materials:

Description	Material
Body	Bronze
Diaphragm	EPDM
Diaphragm Plate	Stainless Steel
Cover	Bronze
Spring	Stainless Steel
Coil	Copper Wire

## Solenoid Valve : Model DK



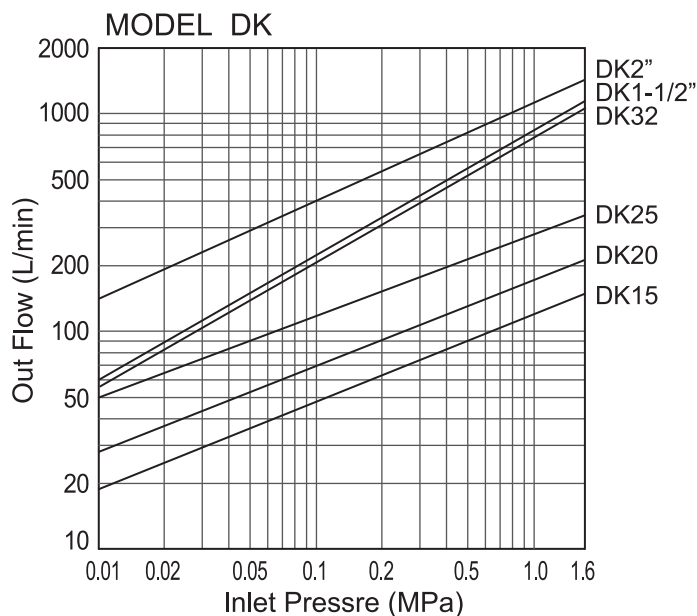
### ●Operating Conditions:

MODEL	DK
Working Pressure	0 to 1.6MPa
Applicable Fluid	Water
Working Temperature	0 to 60°C
Operation	Normally closed
Voltages	AC24, 100, 110, 220, 230V    DC12, 24V
Insulation Grade	B Grade
Installation	Avoid direct sunlight

### ●Features:

1. The solenoid valve uses a molded coil, which is free from troubles such as electrical leakage or coil burn.
2. Main parts of solenoid valve are made of bronze or stainless steel to prevent rusting.

### ●Flow Characteristics:

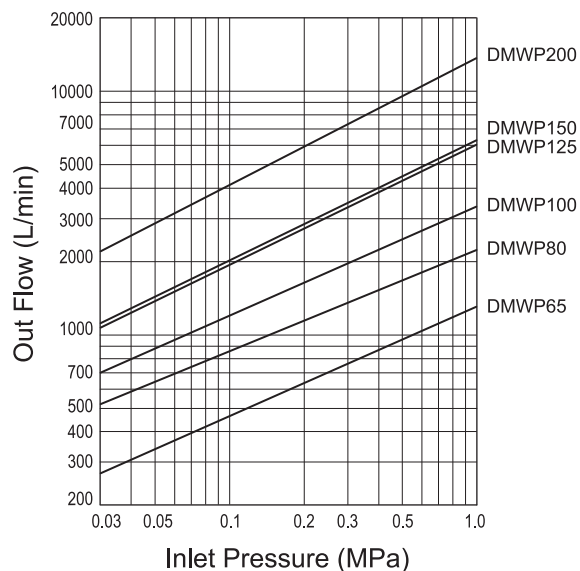
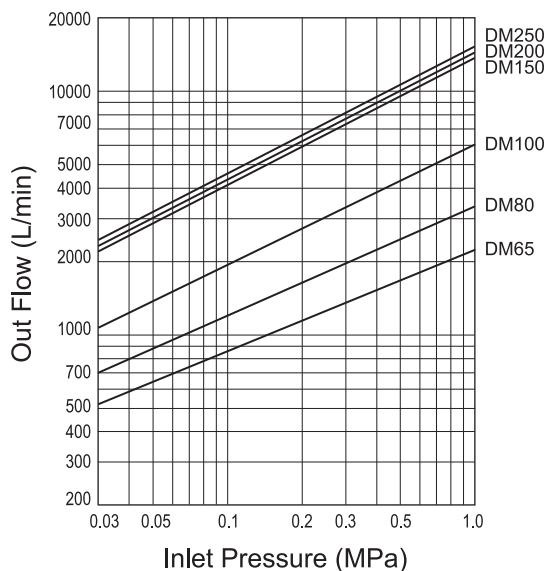
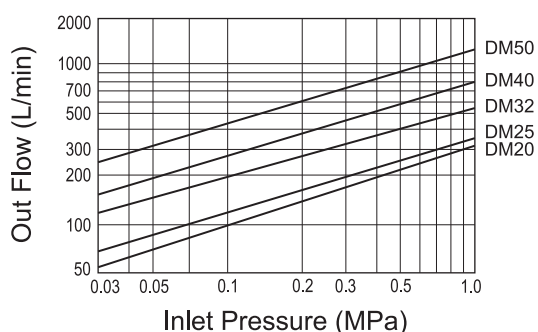


## Solenoid Valve : Model DM,DMWP

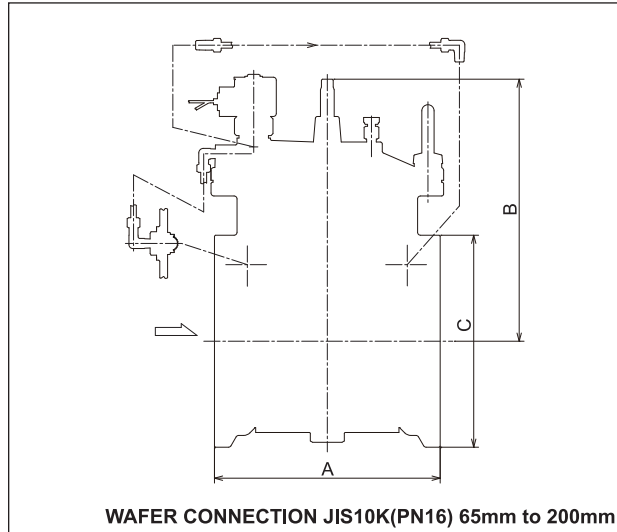
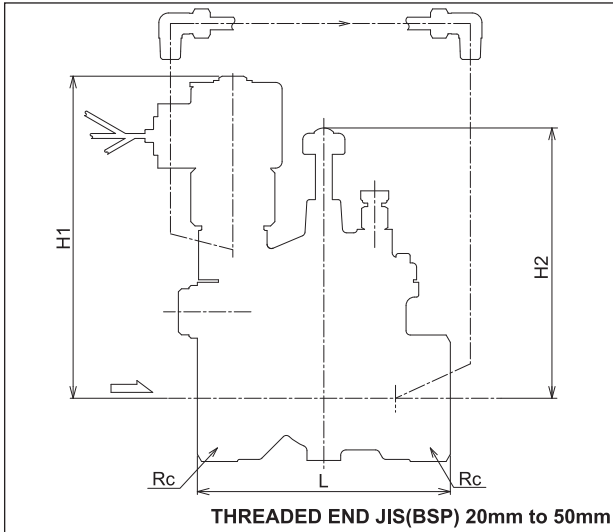
### ●Materials:

Description	Material	Description	Material
Body	Bronze	Adjustable Spindle	Brass
Diaphragm	EPDM	Disc	EPDM
Diaphragm Plate	Stainless Steel	Valve Seat	Bronze
Cover	Bronze	Guide	Stainless Steel
Spring	Stainless Steel		

### ●Flow Characteristics:



## Solenoid Valve : Model DM,DMWP

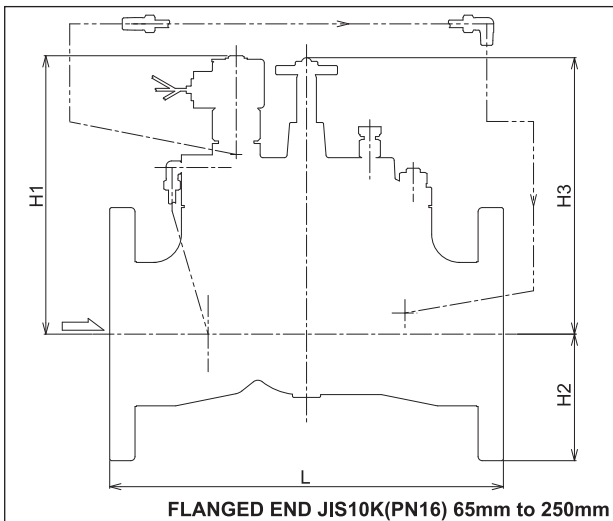


● **Dimensions:** Threaded end unit:mm

Connection Standard: JIS B0203 & BS21					
Nom.size		L	H1	H2	END
mm	inch				
20	3/4	90	135	117	3/4"
25	1	100	140	121	1"
32	1-1/4	110	140	128	1-1/4"
40	1-1/2	120	145	129	1-1/2"
50	2	140	150	136	2"

● **Dimensions:** Wafer end unit:mm

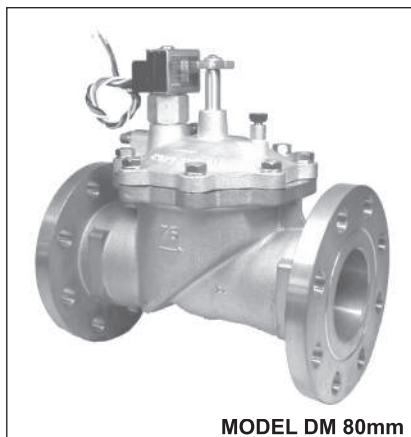
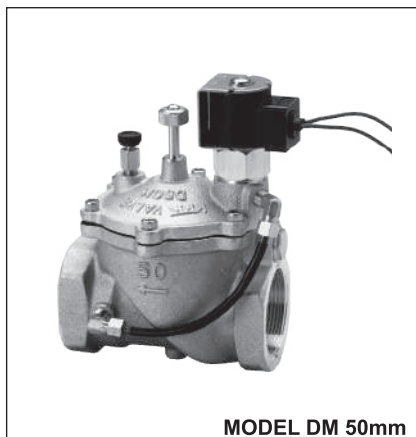
Nom.size		A	B	C	
mm	inch			JIS10K	PN16
65	2-1/2	160	(185)	φ 122	φ 125
80	3	180	(213)	φ 132	φ 142
100	4	190	(223)	φ 157	φ 160
125	5	225	(245)	φ 188	φ 192
150	6	230	(265)	φ 216	φ 216
200	8	310	(345)	φ 268	φ 271



● **Dimensions:** Flanged end unit:mm

Connection Standard: JIS B 2240 & ISO7005-3(BS4504)						
Nom.size		L	H1	H2	H3	FLANGE
mm	inch					
65	2-1/2	250	181	87.5	177	JIS10K
80	3	280	198	92.5	195	
100	4	340	208	105	210	
150	6	460	265	140	272	
200	8	510	265	165	272	
250	10	572	265	200	272	
65	2-1/2	254	181	92.5	177	PN16
80	3	284	198	100	195	
100	4	344	208	110	210	
150	6	460	265	142.5	272	
200	8	518	265	170	272	
250	10	580	265	202.5	272	

## Solenoid Valve : Model DM,DMWP



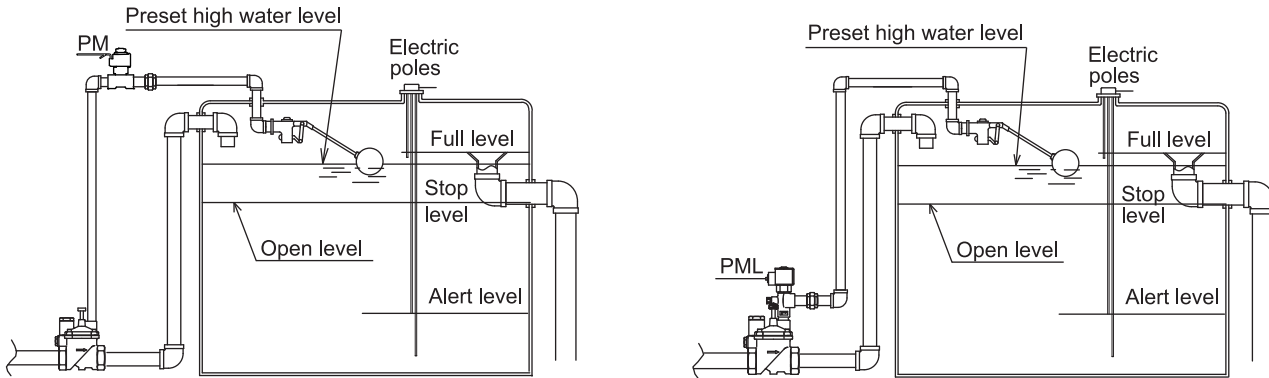
### ●Operating Conditions:

MODEL	DM,DMWP	
Working Pressure	0.03 to 1.6MPa	
Applicable Fluid	Water	
Working Temperature	0 to 60°C	
Operation	Normally closed	
Voltages	AC24, 100, 110, 220, 230V	DC12, 24V
Insulation Grade	B Grade	
Installation	Avoid direct sunlight	

### ●Features:

1. The solenoid valve uses a molded coil, which is free from troubles such as electrical leakage or coil burn.
2. The pilot system (DM/DMWP ) can prevent water hammering.
3. Main parts of solenoid valve are made of bronze or stainless steel to prevent rusting.
4. A stainless steel strainer is equipped on the main body.
5. Flow rate can be controlled from full open to full close by turning the adjustable spindle. (DM/DMWP)
6. A manually operated valve is mounted for checking or in the case of blackouts. (DM/DMWP)
7. DMWP has been designed as wafer style for easy installation and successfully shortening previous installation space.

## MODEL : PM/PML PILOT SOLENOID VALVE INSTALLATION DIAGRAM



### Advantages

1. Model PM/PML is a solenoid valve which is designed as a pilot valve of float valves.
2. Model PML is designed in angle type and is mounted manual valve opening plug.
3. Using the Model PM/PML and the pilot type of float valve enables dual benefits of the fail-safe at the water tank system. No. 1: If the garbage clogging happens at the valve seat of the PM/PML, the float valve can close itself and shut off the main valve. No. 2: If the pilot float valve becomes malfunction, PM/ PML can close at the timing of which the water reached to the full level.

## MODEL: PML INSTALLATION EXAMPLE (with FWDL)

