

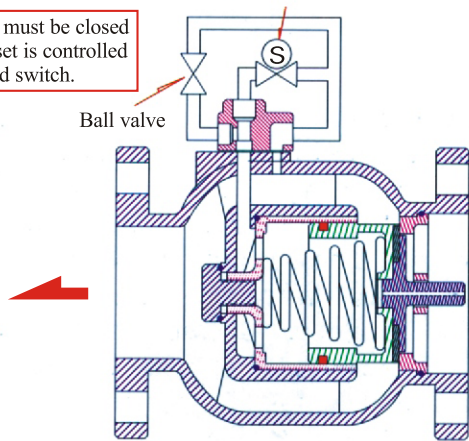


# SOLENOID CONTROL VALVE



▶ Solenoid control valve is a kind of isolation valve, which can substitute traditional gate valves, ball valves and butterfly valves. The gate functioning is easily controlled by electrical power. The valve can be installed in fire control facility, water supply, or distant location where it's difficult to control the gate opening. The controller is directly fixed and can be easily installed on piping site. Interchangeable between manual and solenoid control.

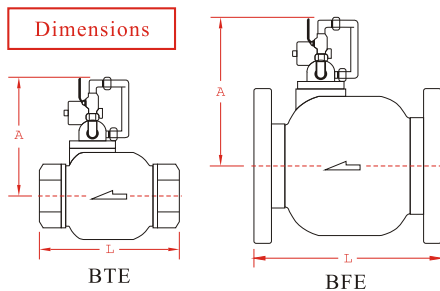
Ball valve must be closed when the set is controlled by solenoid switch.



## ※ Specification of Solenoid Control Switch

- ▶ Working Voltage : DC12V, DC24V, AC110V/220V, 50/60Hz
- ▶ Electrifying Time Range : 1 year continuously for 10,000 hours
- ▶ Allowable Voltage Range :  $\pm 10\%$
- ▶ Applied Temperature :  $-15 \sim 80^{\circ}\text{C}$
- ▶ Durability : 500,000 Cycles
- ▶ Applied Pressure Range :  $0.3 \sim 10 \text{ kgf/cm}^2$
- ▶ Generally NC type (open when switch on), special order is needed for NO type (close when switch off) .

- ▶ The working pressure should be greater than  $0.3 \text{ kgf/cm}^2$ , please check the pressure before installation.
- ▶ Please remove impurities or metal dusts inside the pipe thoroughly. If possible, please add filter to prevent pipe blocking.
- ▶ Avoid upside-down installation under insufficient flow.(Valve's inlet should face up when it is installed)



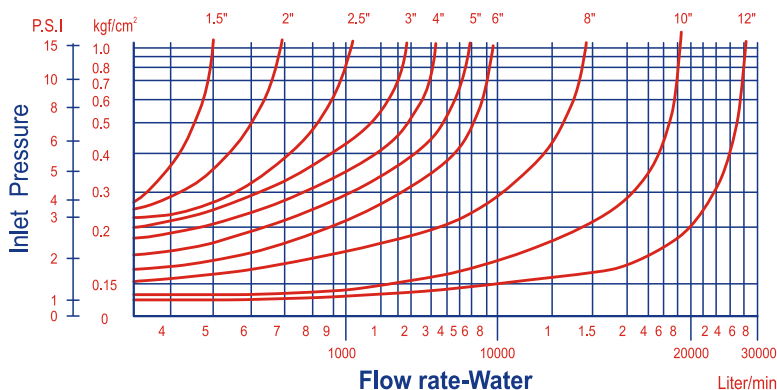
(Thread end)

Item No	Size	L(mm)	A(mm)	Weight(kg)	CV
BTE-40	1.5"	120	170	4	48
BTE-50	2"	200	190	10	75

(Flange end)

Item No	Size	L(mm)	A(mm)	Weight(kg)	CV
BFE-50	2"	190	190	13	75
BFE-65	2.5"	210	195	15	105
BFE-80	3"	225	210	20	140
BFE-100	4"	250	222	26	260
BFE-125	5"	280	245	38	390
BFE-150	6"	310	260	51	550
BFE-200	8"	420	300	95	1000
BFE-250	10"	470	335	152	1600
BFE-300	12"	530	370	202	2200
BFE-350	14"	600	415	285	3000

Flow Chart of Solenoid Control Valve



©Production Size: 1.5" ~ 56"