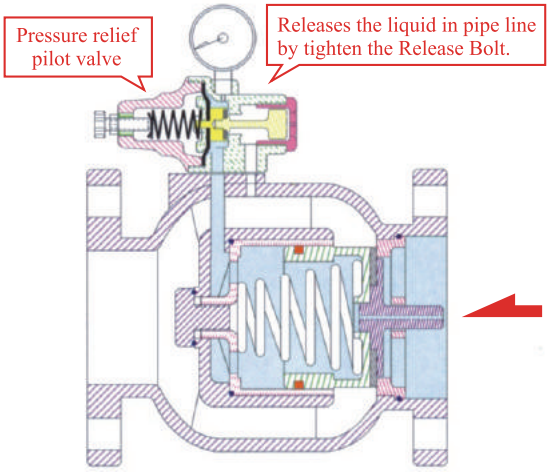
PRESSURE RELIEF VALVE

- Pressure relief valve is installed on the outlet pipe of water supply pipeline. It can maintain safe water supply pressure inside the pipe and prevent pipeline and equipment damage caused by accidental escalation of water pressure.
- When water pump stops functioning or pipeline gate suddenly closes, abnormal pressure forms inside the pipe. As the pressure gets over a certain safety limit, pressure relief valve can open automatically and releases the water pressure above the safety limit, so as to ensure the safety of pipeline and equipment. When the pressure turns back within the safety limit, the pressure relief will close slowly.

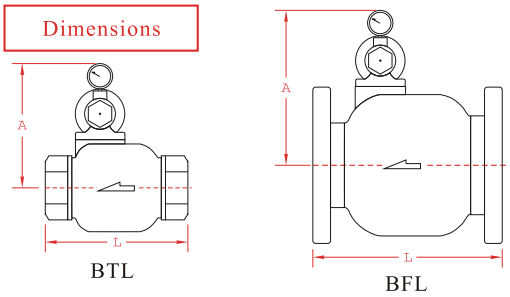


- Pressure Adjusting Range：0.2～4 kgf/cm^2
  (1 kgf/cm^2 = 14.2 psi) 2 ～8 kgf/cm^2
  5 ～13 kgf/cm^2

- The working pressure should be greater than 0.3 kgf/cm^2 and gate fully open with 1.5 kgf/cm^2, please check the pressure before installation.

◎Special order can be arranged for higher pressure adjustment range.

Dimensions



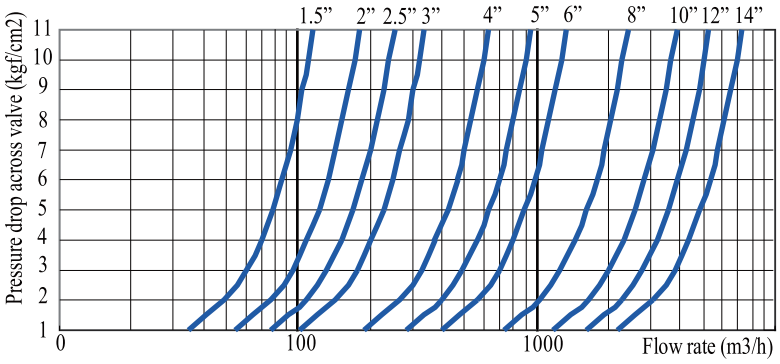
(Thread end)

Item No	Size	L(mm)	A(mm)	Weight(kg)	CV
BTL-40	1.5”	120	160	3	48
BTL-50	2”	200	180	9	75

(Flange end)

Item No	Size	L(mm)	A(mm)	Weight(kg)	CV
BFL-50	2"	190	180	12	75
BFL-65	2.5"	210	185	14	105
BFL-80	3"	225	200	19	140
BFL-100	4"	250	222	26	260
BFL-125	5"	280	235	37	390
BFL-150	6"	310	260	50	550
BFL-200	8"	420	300	94	1000
BFL-250	10"	470	335	152	1600
BFL-300	12"	530	370	202	2200
BFL-350	14"	600	415	285	3000

Flow Chart of Pressure Relief Valve



◎Production Size: 1.5” ~ 56”