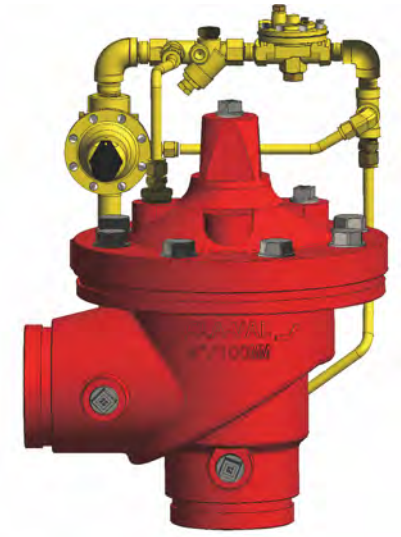
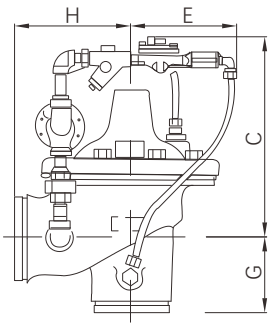
Grooved angle type pressure relief valve

Pressure relief valve (Fire pump relief valve) is used in the discharge of fire pump to automatically relieve excessive pressure, so to maintain constant pressure. It allows the fire pump to be stopped without causing surging.



- Certificate: UL Listed / FM Approved
- Standard: UL 1478, NFPA 20
- Connection: Grooved as AWWA C606
- Temperature: Max 82°C, water
- W. pressure: 400 / 300 psi
- Surface: FBE coating as AWWA C550



Main parts and material

Body	Ductile iron as ASTM A536, 65-45-12 / Bronze as B148 C95400	**Cover**	Ductile iron as ASTM A536, 65-45-12
Main valve trim	SS seat, SS stem	**Pilot control**	Cast bronze with SS trim

Available size (Source 1 with UL/FM)

Size		Relief pressure range (psi)	C	E	Connection	Working pressure (psi)	Ref. No.
Inch	DN		mm	mm			
1-1/2"	40	20 ~ 200 / 100 ~ 300	120	76	GxG	400	U3401 (ISO)
2"	50	20 ~ 200 / 100 ~ 300	146	83	GxG	400	U3402 (ISO)
2-1/2"	65	20 ~ 200 / 100 ~ 300	175	110	GxG	400	U3403 (ISO)
3"	80	20 ~ 200 / 100 ~ 300	184	108	GxG	400	U3404 (UL/FM)
4"	100	20 ~ 200 / 100 ~ 300	236	127	GxG	400	U3405 (UL/FM)
6"	150	20 ~ 200 / 100 ~ 300	308	152	GxG	400	U3407 (UL/FM)
8"	200	20 ~ 200 / 100 ~ 300	371	203	GxG	400	U3408 (FM)

Note:
1. For size 3", 4", and 6", the working pressure is 300 psi by UL listed, and 400 psi by FM approved.
2. KOL Anti-Cavitation Trim Seat is available, except size 3", 4", 6".
3. As factory preset, the relief pressure is set at 60 psi for 20 ~ 200 range, 100 psi for 100 ~ 300 range.

Grooved angle type pressure relief valve

Available size (Source 2 with UL/FM)

Size		Relief pressure range (psi)	C	E	Connection	Working pressure (psi)	Ref. No.
Inch	DN		mm	mm			
3"	80	65 ~ 300	265	149	GxG, GxF	300	U3424 (UL/FM)
4"	100	65 ~ 300	310	185	GxG, GxF	300	U3425 (UL/FM)
5"	125	65 ~ 300	360	218	GxG, GxF	300	U3426 (UL/FM)
6"	150	65 ~ 300	380	265	GxG, GxF	300	U3427 (UL/FM)
8"	200	65 ~ 300	450	326	GxG, GxF	300	U3428 (UL/FM)

Note: As factory preset, the relief pressure is set at 130 psi for 65 ~ 300 range.