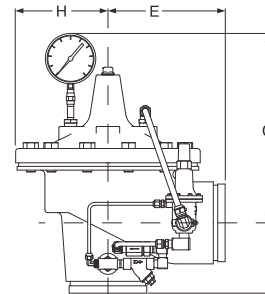


# Grooved angle type pressure relief valve

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
- Adjustment: 20 ~ 200 / 100 ~ 300 psi, etc.
- Temperature: Max 82°C, water
- W. pressure: 400 / 300 psi
- Surface: FBE coating as AWWA C550



## Main parts and material

<b>Body</b>	Ductile iron as ASTM A536, 65-45-12 / Bronze as B148 C95400	<b>Cover</b>	Ductile iron as ASTM A536, 65-45-12
<b>Main valve trim</b>	SS seat, SS stem	<b>Pilot control</b>	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			
3"	80	20 ~ 200 / 100 ~ 300	245	152	GxG	400	U1401 (UL/FM)
4"	100	20 ~ 200 / 100 ~ 300	264	191	GxG	400	U1402 (UL/FM)
6"	150	20 ~ 200 / 100 ~ 300	283	254	GxG	400	U1403 (UL/FM)
8"	200	20 ~ 200 / 100 ~ 300	423	322	GxG	400	U1404 (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".

# 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	U1411 (UL/FM)
4"	100	65 ~ 300	310	185	GxG, GxF	300	U1412 (UL/FM)
5"	125	65 ~ 300	360	218	GxG, GxF	300	U1413 (UL/FM)
6"	150	65 ~ 300	380	265	GxG, GxF	300	U1414 (UL/FM)
8"	200	65 ~ 300	450	326	GxG, GxF	300	U1415 (UL/FM)