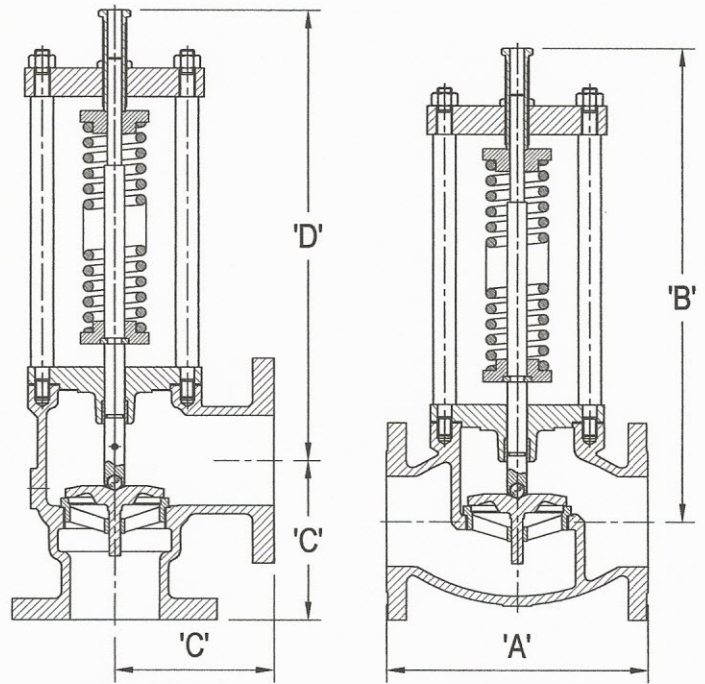
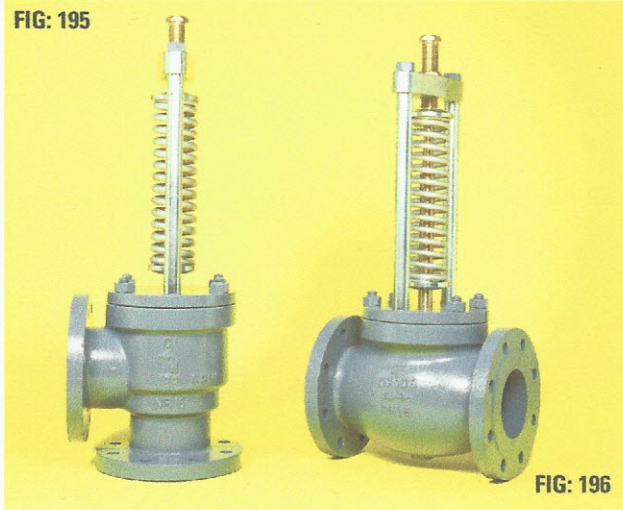


CAST IRON RELIEF CHECK VALVE FOR LIQUIDS (EXTERNAL SPRING)

**FOR WATER INDUSTRY USE ONLY
WITHIN THE EUROPEAN COMMUNITY**



FLANGED:

BS EN 1092-2 PN6, PN10, PN16.
BS 10 Tables D, E, F.
ANSI B16.1 Class 125.

CONSTRUCTION:

This traditional design is suitable for systems with open discharge to atmosphere.

The external spring is not in contact with the discharge liquid. The valve is intended to relieve excess liquid, and must not be used as a safety valve to prevent system failure as referenced in the Pressure Systems Safety Regulations SI 2000 No. 128. Flanges will be drilled unless otherwise specified on order.

MATERIALS:

Body / Cover Cast iron to BS EN 1561 EN GJL 250
Disc Stainless steel to ASME SA 487 CA6NM Cl.'A'
Seat Ring Stainless steel to BS EN 10283 1.4408
Spring Spring alloy steel in accordance with BS 1726 chrome vanadium alloy coated.

PILLARS SHOWN AT 90°
TO ACTUAL POSITION

PRESSURE / TEMPERATURE RATING:

(Detailed on Valve I/D plate)
Minimum set pressure 5psi (0.35 Bar)
Maximum set pressure 116psi (8.0 Bar)
Maximum temperature 40°C.

**STANDARD SPRING RANGE:
Nominal Sizes 50mm to 100mm**

Spring No.	PSI	Bar
1	5 - 13	0.35 - 0.9
2	10 - 25	0.7 - 1.7
3	20 - 50	1.4 - 3.5
4	40 - 100	2.7 - 6.9
5	90 - 116	6.2 - 8.0

Nominal Size (Fig. 196)	50	65	80	100
A	203	216	241	292
B	324	368	421	544

Nominal Size (Fig. 195)	50	65	80	100
A	125	145	155	178
B	316	372	410	527

OPTIONAL EXTRAS:

Easing lever and cover locking unit.

TYPE OF APPLICATION:

Thermal and pressure relief

LINE MEDIA:

Effluent.
Sewage sludge.