

### SAFETY RELIEF VALVES

#### Introduction

Inta's safety relief valves have been designed to protect closed circuit water heating systems from over pressure which can build up as a consequence of heating the water or any other fault conditions resulting in excessive pressure. Available with 1/2" or 3/4" connections and a range of pre-set discharge pressures. As the pressure inside a system rises to the level of the pre-set safety valve, the valve will automatically open and discharge any excess pressure to atmosphere, preventing the pressure inside the system rising to a level which could cause damage to system components and potentially catastrophic damage to the boiler or hot water cylinder. Consideration should be given to select the appropriate pre-set pressure for the system.

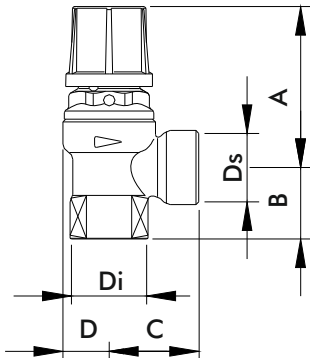
- Prevents damage to heating systems by relieving excess pressure
- Range of factory set discharge pressures available
- Available with 1/2" or 3/4" FxF and MxF connections
- Available with a pressure gauge



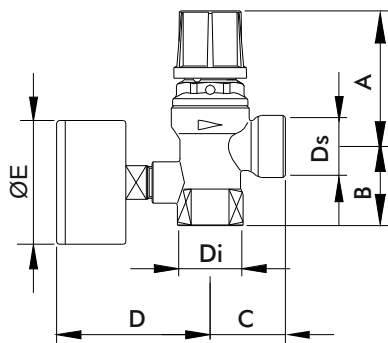
#### Product Range

Description	Code
Safety relief valve 1/2" FxF pre-set discharge pressure 2.5 bar	SRV035105025
Safety relief valve 1/2" FxF pre-set discharge pressure 3.0 bar	SRV035105003
Safety relief valve 1/2" FxF pre-set discharge pressure 6.0 bar	SRV035105006
Safety relief valve 1/2" FxF pre-set discharge pressure 7.0 bar	SRV035105007
Safety relief valve 1/2" FxF pre-set discharge pressure 8.0 bar	SRV035105008
Safety relief valve 3/4" FxF pre-set discharge pressure 2.5 bar	SRV035107525
Safety relief valve 3/4" FxF pre-set discharge pressure 3.0 bar	SRV035107503
Safety relief valve 3/4" FxF pre-set discharge pressure 6.0 bar	SRV035107506
Safety relief valve 3/4" FxF pre-set discharge pressure 7.0 bar	SRV035107507
Safety relief valve 3/4" FxF pre-set discharge pressure 8.0 bar	SRV035107508
Safety relief valve 1/2" MxF pre-set discharge pressure 2.5 bar	SRV035205025
Safety relief valve 1/2" MxF pre-set discharge pressure 3.0 bar	SRV035205003
Safety relief valve 1/2" MxF pre-set discharge pressure 6.0 bar	SRV035205006
Safety relief valve 1/2" MxF pre-set discharge pressure 7.0 bar	SRV035205007
Safety relief valve 1/2" MxF pre-set discharge pressure 8.0 bar	SRV035205008

### safety relief valves



Di	Ds	A [mm]	B [mm]	C [mm]	D [mm]
1/2"	1/2"	56,5	25	31	16
3/4"	3/4"	56,5	28	34	16
1/2"M	1/2"	56,5	27	31	16
1/2"M	3/4"	55,4	29,7	33	15,5



Di	Ds	A [mm]	B [mm]	C [mm]	D [mm]	ØE [mm]
1/2"	1/2"	56,5	33	31	63,5	51,5
3/4"	3/4"	56,5	40,5	34	63,5	51,5
1/2"M	1/2"	56,5	35	31	63,5	51,5

Description	Code
Safety relief valve 1/2" FxF with gauge pre-set discharge pressure 2.5 bar	SRV035305025
Safety relief valve 1/2" FxF with gauge pre-set discharge pressure 3.0 bar	SRV035305003
Safety relief valve 1/2" FxF with gauge pre-set discharge pressure 6.0 bar	SRV035305006
Safety relief valve 1/2" FxF with gauge pre-set discharge pressure 7.0 bar	SRV035305007
Safety relief valve 1/2" FxF with gauge pre-set discharge pressure 8.0 bar	SRV035305008
Safety relief valve 3/4" FxF with gauge pre-set discharge pressure 2.5 bar	SRV035307525
Safety relief valve 3/4" FxF with gauge pre-set discharge pressure 3.0 bar	SRV035307503
Safety relief valve 3/4" FxF with gauge pre-set discharge pressure 6.0 bar	SRV035307506
Safety relief valve 3/4" FxF with gauge pre-set discharge pressure 7.0 bar	SRV035307507
Safety relief valve 3/4" FxF with gauge pre-set discharge pressure 8.0 bar	SRV035307508
Safety relief valve 1/2" M x 15mm with gauge pre-set discharge pressure 2.5 bar	SRV035405025
Safety relief valve 1/2" M x 15mm with gauge pre-set discharge pressure 3.0 bar	SRV035405003
Safety relief valve 1/2" M x 15mm with gauge pre-set discharge pressure 6.0 bar	SRV035405006
Safety relief valve 1/2" M x 15mm with gauge pre-set discharge pressure 7.0 bar	SRV035405007
Safety relief valve 1/2" M x 15mm with gauge pre-set discharge pressure 8.0 bar	SRV035405008
Safety relief valve 1/2" swivel connection x 15mm with gauge pre-set discharge pressure 3.0 bar	SRV0353SW05003

#### Technical Specification

Factory set discharge pressure	2.5, 3, 6, 7 & 8 bar	PED category IV
Max operating pressure (static)	10 bar	Complies with European directive 97/23/CE
		Max working temperature 110°C