



# techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics  
& Vacuum

Industrial

Compressed Air  
& Ring Main

Process &  
Instrumentation

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## Valves & Actuation

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Pressure Relief Valves



# The Engineers Choice

**FT Pro products have been meticulously selected based on their superior quality, dependability, and durability. Our products are engineered by engineers for engineers and produced by leading fluid power manufacturers, ensuring they meet even the most rigorous application demands.**

We understand that all application requirements are unique, and that's why we only offer products that we know will provide the most effective solution.

At FT Pro, we work closely with our customers to ensure that we provide tailored solutions that meet their exact requirements. Whether you need products for hydraulic systems, pneumatic systems, or any other fluid power application, FT Pro has the product to support you and help you find the right outcome.

## Pressure Relief Valves

With the introduction of the European Pressure Equipment Directive, which recommend relevant testing and quality assurance with appropriate certification.

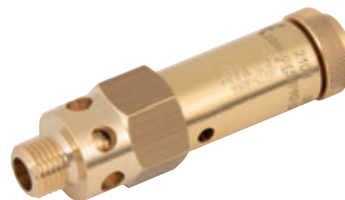
This range of pressure relief valves are manufactured and tested in accordance to the regulations (DIN 3320.AD SHEET A2/A4) which meets applicable specifications both nationally and internationally. Compliance with the component test report, by the identification the manufacture provides a guarantee for the specified setting values.

Test certificates come as standard.

**Note:** This product is CE marked, to comply with legislation.

**Working Temperature:**  
-20°C to +200°C

**Maximum Working Pressure:**  
15 bar



### Nominal Diameter 8mm, 1/4" BSPP

0093	Set Pressure Bar
2035-0773	1
2042-2887	1.5
2042-2895	2
2020-8860	2.5
2042-2903	3
2042-2911	3.5
2020-8864	4
2042-2929	4.5
2020-8872	5
2042-2937	5.5
2042-2945	6
2042-2952	6.5
2042-2960	7
2020-8880	7.5
2020-8898	8
2042-2978	8.5
2031-7020	9
2020-8906	10
2042-2986	10.5
2020-8914	11
2020-8922	11.5
2020-8930	12
2020-8948	15
Tech Sheet 1762	

### Nominal Diameter 10mm, 1/2" BSPP

0093	Set Pressure Bar
2042-2994	0.5
2042-3000	1.5
2042-3018	2.5
2042-3026	3.5
2020-9052	4
2020-9060	5
2042-3034	5.5
2020-9086	6
2042-3042	6.5
2020-9094	7
2020-9102	7.5
2020-9110	8
2042-3059	8.5
2042-3067	9
2020-9128	10
2042-3075	10.5
2020-9136	11
2020-9144	11.5
2020-9151	12
2042-3083	12.5
2020-9169	15
2042-3091	16
2042-3109	30
Tech Sheet 1762	

### Nominal Diameter 10mm, 3/8" BSPP

0093	Set Pressure Bar
2020-8955	5
2020-8971	6
2020-8989	7
2020-8997	8
2020-9003	10
2020-9011	11
2020-9029	12
2020-9045	15
Tech Sheet 1762	

### Nominal Diameter 10mm, 3/4" BSPP

0093	Set Pressure Bar
2020-9177	6
2020-9193	8
2020-9201	10
2020-9219	11
Tech Sheet 1762	

Individual test certificates come as standard

Other relief settings available on special request

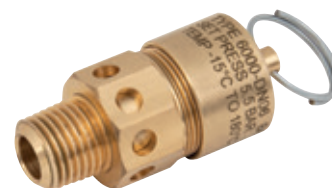
## Pressure Relief Valves - Series 6000

**Working Temperature:**  
-15°C to +180°C

**Maximum Set Pressure:**  
20.1 bar

### High Lift Pressure Relief Valve, Male BSPT

0095	Thread	Set Pressure Bar
6000/06/G/5.5	1/4"	5.5
6000/06/H/9.0	1/4"	9
6000/06/J/11.0	1/4"	11
Tech Sheet 10341		



Individual test certificates to be requested at the time of order

# PRESSURE RELIEF VALVES



## Compact Relief Valve DN6

Relief valves to blow out non-poisonous and non-flammable gases into the atmosphere in order to protect pressure tanks against overpressure.

Please note: Only relief valves that have been set and sealed with lead (plumbed) by us can be delivered with the component symbols, it is thus absolutely necessary to indicate the setting pressure in bar. As functional test, relief valves may be aerated by the way of pulling the haul-off bolt. Repairs may only be carried out by the manufacturer.

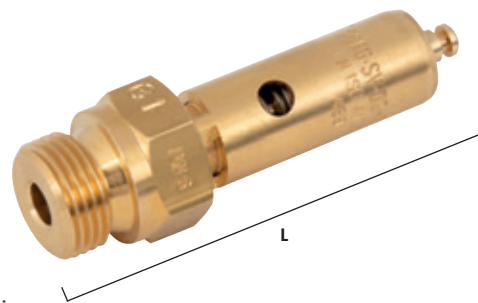
### Technical Data

- Connection thread: G1/4, G3/8
- Setting range: 4,5 to 24 bar (5 steps)
- Opening pressure difference: <10%
- Closing pressure difference: <10%
- Material: Brass
- Seal: Viton

**Important:** The supply connection to the relief valve should not be <DN6, the pressure drop in the supply connection not >3%.

**Working Temperature:**  
-10°C to +150°C

**Maximum Working Pressure:**  
24 bar (PN24)



### Male, Thread, BSPP

9168	Thread	Set At Bar	Dimensions mm	
			L	Hex
469.23-5.0BAR	1/4"	5.0	65	17
469.24-7.0BAR	1/4"	7.0	65	17
469.24-9.0BAR	1/4"	9.0	65	17
469.25-11.0BAR	1/4"	11.0	65	17
469.26-16.0BAR	1/4"	16.0	65	17
469.27-20.0BAR	1/4"	20.0	65	17
469.33-5.0BAR	3/8"	5.0	65	19
469.34-7.0BAR	3/8"	7.0	65	19
469.34-9.0BAR	3/8"	9.0	65	19
469.35-11.0BAR	3/8"	11.0	65	19
469.36-16.0BAR	3/8"	16.0	65	19
469.37-20.0BAR	3/8"	20.0	65	19

### Exhaust Capacity Air

The exhaust capacities indicated in the table are the minimum values reached when air pressure is raised by 10% above the set pressure.

Set Pressure Bar	Exhaust Flow Capacity (normal condition)	
	m³/h	l/m
6	60	1000
10	110	1833
11	125	2083
14	155	2583

Intermediate values can be interpolated.

More variations available. Special set pressures, body materials & large threads.

## Type 1776

All type 1776 valves are pre-set and sealed to prevent tampering.

Pre-set pressure relief valves are precision manufactured to open at the pre-set pressure and discharge fluid until pressure drops to acceptable levels to protect against equipment damage or personal injury.

- Dual certification\* of ASME BPVC Section XIII and UKCA/CE for PE(S)R 2016 and PED 2014/68/EU
- Automatically vents at selected pressure
- Automatically resets when pressure returns to 'normal'
- Brass body with stainless steel internal components

### Please note:

Removal of the pull ring will invalidate ASME certification but will still conform to UKCA/CE

### Male, 1/4" NPT

0090	Set Pressure PSI	SCFM
1776K-0-05	5	9
1776K-0-10	10	11
1776K-0-15	15	13
1776K-0-20	20	15
1776K-0-30	30	19
1776K-0-40	40	24
1776K-0-50	50	28
1776K-0-60	60	33
1776K-0-75	75	39

Tech Sheet 835

**Working Temperature:**  
-18°C to +200°C



\*Dual certification applies from 30 PSI upwards. Pressure ranges from 5 to 20 PSI will offer no accreditations that meet UK/European standards

More variations available. Special set pressures, Body materials, valve serialisation & larger threads.  
Test certificates are available on request at an additional cost.

# PRESSURE RELIEF VALVES



## Atmospheric Pressure Relief Valves, 6mm-15mm

Seetru Atmospheric Discharge Pressure Relief valves are compact, highly efficient and incorporate the exclusive 'Tutchtite' seal technology to give repeatable bubble tight sealing performance.

Suitable for air and gases including refrigerant.

Type approved and/or manufactured in conformance with national and international standards which include BS6759 Part 2 and 3, ISO 4126 and TUV (Germany) in accordance with AD Merkblatt A2. Compliant with the requirements of the European Equipment Directive 97/23/EC and CE marked flow rates calculated

Std Ltrs/Sec of Air @ 15°C

Seals: Viton

Sealing: Elastomer

Working Temperature:  
-15°C to +200°C



### Nominal Bore 6mm, 1/4" BSPT Male

0171	Flow	Set Pressure Bar
SEE010EA1B	25	5.5
SEE0107A1B	38	9
SEE0106A1B	46	11

Tech Sheet 10342

### Nominal Bore 8mm, 1/4" BSPP Male

0171	Flow	Set Pressure Bar
SEE9111A1B	12	1
SEE9112A1B	16	1.5
SEE9113A1B	19	2
SEE9114A1B	22	2.5
SEE9115A1B	26	3
SEE911AA1B	30	3.5
SEE911BA1B	34	4
SEE911CA1B	37	4.5
SEE911EA1B	44	5.5
SEE911FA1m	47	6
SEE911GA1B	51	6.5
SEE911HA1B	54	7
SEE9119A1B	57	7.5
SEE9118A1B	61	8
SEE911JA1B	64	8.5
SEE9117A1B	68	9
SEE911LA1B	74	10
SEE911MA1B	78	10.5
SEE9116A1B	81	11
SEE911NA1B	85	11.5
SEE911PA1B	88	12
SEE911XA1B	109	15

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### Nominal Bore 8mm, 1/4" BSPT Male

0171	Flow	Set Pressure Bar
SEE011EA1B	44	5.5
SEE0117A1B	68	9
SEE0116A1B	81	11

Tech Sheet 10345

### Nominal Bore 8mm, 3/8" BSPT Male

0171	Flow	Set Pressure Bar
SEE021DA1B	40	5
SEE0216A1B	81	11
SEE021PA1B	88	12

Tech Sheet 10345

### Nominal Bore 8mm, 3/8" BSPP Male

0171	Flow	Set Pressure Bar
SEE921FA1B	47	6
SEE921HA1B	54	7
SEE9218A1B	61	8
SEE921LA1B	74	10
SEE9216A1B	81	11
SEE921PA1B	88	12
SEE921XA1B	109	15

Tech Sheet 10345

### Nominal Bore 10mm, 1/2" BSPT Male

0171	Flow	Set Pressure Bar
SEE032EA1B	170	5.5
SEE0327A1B	106	9
SEE0326A1B	127	11

Tech Sheet 10343

### Nominal Bore 10mm, 1/2" BSPP Male

0171	Flow	Set Pressure Bar
SEE9320A1B	12	0.5
SEE9322A1B	24	1.5
SEE9324A1B	36	2.5
SEE932AA1B	47	3.5
SEE932BA1B	52	4
SEE932DA1B	63	5
SEE932EA1B	68	5.5
SEE932FA1B	74	6
SEE932GA1B	79	6.5
SEE932HA1B	84	7
SEE9329A1B	90	7.5
SEE9328A1B	95	8
SEE932JA1B	100	8.5
SEE9327A1B	106	9
SEE932LA1B	116	10
SEE932MA1B	122	10.5
SEE9326A1B	127	11
SEE932NA1B	132	11.5
SEE932PA1B	138	12
SEE932RA1B	143	12.5
SEE932XA1B	170	15
SEE932YA1B	180	16

Tech Sheet 10343

### Nominal Bore 10mm, 3/4" BSPP Male

0171	Flow	Set Pressure Bar
SEE942FA1B	74	6
SEE942HA1B	84	7
SEE9428A1B	95	8
SEE9427A1B	106	9
SEE9426A1B	127	11

Tech Sheet 10343

### Nominal Bore 15mm, 3/4" BSPT Male

0171	Flow	Set Pressure Bar
SEE0447A1B	263	9
SEE0436A1B	315	11

Tech Sheet 10344

### Nominal Bore 15mm, 1" BSPT Male

0171	Flow	Set Pressure Bar
SEE0546A1B	315	11

Tech Sheet 10344

Individual test certificates come as standard with above

# SAFETY VALVES

# NABIC®

## High Lift Safety Valves (Fig 500)

**Applications:** the Fig 500 high lift safety valve has been designed primarily for use on unvented hot water heating systems, where a high capacity, emergency steam relief capability is required. High capacity and resilient PTFE seating also make the Fig 500 ideal for steam, air and inert gas applications. A PTFE to Viton seating design is also available where greater seal tightness is required.

**Construction:** the Fig 500 is constructed in gunmetal with diaphragm protected working parts and PTFE to metal seating. All wetted parts are manufactured from dezincification resistant materials, approved by the Water Research Centre for use on potable water. Standard inlet and outlet connections have female threads to BS 21, with the outlet connection one size larger than the inlet. Sizes from DN20 upwards are available with flanged inlet connections; other thread forms are also available.

**Please Note:** due to pressure setting and certification of this product, normal delivery will be up to 3 working days (manufacturers stock permitting), although a quicker service may be available if required. **Please contact our sales team.**

### Features:

- Resilient PTFE seating designs
- High degree of seating tightness
- Suitable for hot water, steam and air
- High discharge capacity
- Diaphragm protected working parts
- Safe manual testing
- Easy inspection and cleaning
- Pressure setting locked and sealed
- Designed and tested to BS 6759
- Capacities certified by TOC

 **Working Temperature:**  
-20°C to +195°C

 **Maximum Working Pressure:**  
12.5 bar



### BSPP Inlet x BSPP Outlet

0115	Inlet Thread	Outlet Thread	Set Pressure Bar
500-15-1	1/2"	3/4"	1
500-15-3	1/2"	3/4"	3
500-15-4	1/2"	3/4"	4
500-15-5	1/2"	3/4"	5
500-15-5.5	1/2"	3/4"	5.5
500-15-6	1/2"	3/4"	6
500-15-6.5	1/2"	3/4"	6.5
500-15-7	1/2"	3/4"	7
500-15-7.5	1/2"	3/4"	7.5
500-15-8.5	1/2"	3/4"	8.5
500-15-10	1/2"	3/4"	10
500-15-10.5	1/2"	3/4"	10.5
500-15-11	1/2"	3/4"	11
500-15-11.5	1/2"	3/4"	11.5
500-20-1.5	3/4"	1"	1.5
500-20-2.5	3/4"	1"	2.5
500-20-3	3/4"	1"	3
500-20-3.5	3/4"	1"	3.5
500-20-4	3/4"	1"	4
500-20-5	3/4"	1"	5
500-20-5.5	3/4"	1"	5.5

0115	Inlet Thread	Outlet Thread	Set Pressure Bar
500-20-6	3/4"	1"	6
500-20-6.5	3/4"	1"	6.5
500-20-7	3/4"	1"	7
500-20-7.5	3/4"	1"	7.5
500-20-8	3/4"	1"	8
500-20-8.5	3/4"	1"	8.5
500-20-9	3/4"	1"	9
500-20-10	3/4"	1"	10
500-20-11	3/4"	1"	11
500-20-11.5	3/4"	1"	11.5
500-20-12	3/4"	1"	12
500-20-12.5	3/4"	1"	12.5
500-25-1.5	1"	1.1/4"	1.5
500-25-2	1"	1.1/4"	2
500-25-2.5	1"	1.1/4"	2.5
500-25-3	1"	1.1/4"	3
500-25-3.5	1"	1.1/4"	3.5
500-25-4	1"	1.1/4"	4
500-25-5.5	1"	1.1/4"	5.5
500-25-7	1"	1.1/4"	7
500-25-7.5	1"	1.1/4"	7.5

0115	Inlet Thread	Outlet Thread	Set Pressure Bar
500-25-8	1"	1.1/4"	8
500-25-8.5	1"	1.1/4"	8.5
500-25-11	1"	1.1/4"	11
500-25-12.5	1"	1.1/4"	12.5
500-32-3	1.1/4"	1.1/2"	3
500-32-3.5	1.1/4"	1.1/2"	3.5
500-32-5	1.1/4"	1.1/2"	5
500-32-7.5	1.1/4"	1.1/2"	7.5
500-32-8.5	1.1/4"	1.1/2"	8.5
500-32-10	1.1/4"	1.1/2"	10
500-32-11	1.1/4"	1.1/2"	11
500-40-1.5	1.1/2"	2"	1.5
500-40-3	1.1/2"	2"	3
500-40-3.5	1.1/2"	2"	3.5
500-40-4	1.1/2"	2"	4
500-40-7	1.1/2"	2"	7
500-40-7.5	1.1/2"	2"	7.5
500-40-12	1.1/2"	2"	12
500-50-3.5	2"	2.1/2"	3.5
500-50-7	2"	2.1/2"	7
500-50-12.5	2"	2.1/2"	12.5

Tech Sheet 1398

We have listed all the popular sizes and pressure ratings, however other variations are available.

Individual test certificates to be requested at the time of order

## Safety Relief Valves (Fig 542)

**Applications:** the Fig 542 safety valve is an extremely versatile valve, suitable for use on hot water, steam or air. Although designed primarily for the protection of hot water boilers, its wide range of applications make it ideal as a general purpose safety valve.

**Construction:** the Fig 542 is of gunmetal construction with diaphragm protected working parts and PTFE to metal seating. All wetted parts manufactured from dezincification resistant materials, approved by the Water Research Centre for use on potable water. Inlet and outlet connections are of equal size, with female threads to BS 21. Sizes from DN32 upwards are also available with flanged inlet connections.

**Please Note:** due to pressure setting and certification of this product, normal delivery will be up to 3 working days (manufacturers stock permitting), although a quicker service may be available if required. **Please contact our sales team.**

**Features:**

- Resilient PTFE seating designs
- High degree of seat tightness
- Suitable for hot water, steam or air
- Diaphragm protected working parts
- Safe manual testing
- Easy inspection and cleaning
- Pressure setting locked and sealed
- Designed and tested to BS 6759
- Capacities certified by TOC

 **Working Temperature:**  
-20°C to +195°C

 **Maximum Working Pressure:**  
10.5 bar



### BSPP Inlet x BSPP Outlet

0115	Thread	Set Pressure Bar
542-15-1	1/2"	1
542-15-1.5	1/2"	1.5
542-15-2	1/2"	2
542-15-2.5	1/2"	2.5
542-15-3	1/2"	3
542-15-3.5	1/2"	3.5
542-15-4	1/2"	4
542-15-4.5	1/2"	4.5
542-15-5	1/2"	5
542-15-5.5	1/2"	5.5
542-15-6	1/2"	6
542-15-7	1/2"	7
542-15-7.5	1/2"	7.5
542-15-8	1/2"	8
542-15-8.5	1/2"	8.5
542-15-9	1/2"	9
542-15-9.5	1/2"	9.5
542-15-10	1/2"	10
542-15-10.5	1/2"	10.5
542-20-1	3/4"	1
542-20-1.5	3/4"	1.5
542-20-2	3/4"	2
542-20-2.5	3/4"	2.5
542-20-3	3/4"	3
542-20-3.5	3/4"	3.5
542-20-4	3/4"	4
542-20-4.5	3/4"	4.5
542-20-5	3/4"	5
542-20-5.5	3/4"	5.5
542-20-6	3/4"	6
542-20-7	3/4"	7

0115	Thread	Set Pressure Bar
542-20-7.5	3/4"	7.5
542-20-8	3/4"	8
542-20-8.5	3/4"	8.5
542-20-9	3/4"	9
542-20-10	3/4"	10
542-20-10.5	3/4"	10.5
542-25-1	1"	1
542-25-1.5	1"	1.5
542-25-2	1"	2
542-25-2.5	1"	2.5
542-25-3	1"	3
542-25-3.5	1"	3.5
542-25-4	1"	4
542-25-4.5	1"	4.5
542-25-5	1"	5
542-25-6	1"	6
542-25-7	1"	7
542-25-7.5	1"	7.5
542-25-8	1"	8
542-25-8.5	1"	8.5
542-25-9	1"	9
542-25-9.5	1"	9.5
542-25-10	1"	10
542-25-10.5	1"	10.5
542-32-1	1.1/4"	1
542-32-2.5	1.1/4"	2.5
542-32-3	1.1/4"	3
542-32-3.5	1.1/4"	3.5
542-32-4	1.1/4"	4
542-32-4.5	1.1/4"	4.5
542-32-5	1.1/4"	5

0115	Thread	Set Pressure Bar
542-32-6.5	1.1/4"	6.5
542-32-7	1.1/4"	7
542-32-8	1.1/4"	8
542-32-8.5	1.1/4"	8.5
542-32-9	1.1/4"	9
542-32-9.5	1.1/4"	9.5
542-32-10	1.1/4"	10
542-40-1	1.1/2"	1
542-40-1.5	1.1/2"	1.5
542-40-2	1.1/2"	2
542-40-3.5	1.1/2"	3.5
542-40-4	1.1/2"	4
542-40-5	1.1/2"	5
542-40-6	1.1/2"	6
542-40-7	1.1/2"	7
542-40-7.5	1.1/2"	7.5
542-40-8	1.1/2"	8
542-40-10	1.1/2"	10
542-40-10.5	1.1/2"	10.5
542-50-2	2"	2
542-50-3.5	2"	3.5
542-50-6	2"	6
542-50-7	2"	7
542-50-7.5	2"	7.5
542-50-8	2"	8
542-50-10	2"	10
542-50-10.5	2"	10.5
542-65-3	2.1/2"	3
542-65-4	2.1/2"	4
542-65-7.5	2.1/2"	7.5

Tech Sheet 1399

We have listed all the popular sizes and pressure ratings, however other variations are available.

Individual test certificates to be requested at the time of order

# PRESSURE RELIEF VALVES

# NABIC®

## Pressure Relief Valves (Fig 500L)

**Applications:** Nabic pressure relief valves are intended for use where pressure tightness is required on the discharge side of the valve. They are ideal for pump relief, bypass relief, outside installations, and inflammable fluid

**Construction:** the valves are of gunmetal construction with top-guided copper alloy parts, chrome vanadium spring and PTFE to metal seating. O-Ring seals ensure pressure tightness at cover and cap joints. Available options are stainless steel springs, high pressure versions and Viton seat design.

**Please Note:** due to pressure setting and certification of this product, normal delivery will be up to 3 working days (manufacturers stock permitting), although a quicker service may be available if required. **Please contact our sales team.**

### Features:

- Resilient PTFE seating design
- High degree of seating tightness
- Suitable for liquids and gases
- Top-guided working parts
- Pressure tight on discharge side
- Designed and tested to BS 6759
- Flange inlets available

° Working Temperature:  
-20°C to +195°C

Maximum Working Pressure:  
12.5 bar



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### BSPP Inlet x BSPP Outlet

0115	Inlet Thread	Outlet Thread	Set Pressure Bar
500L-10-1	3/8"	1/2"	1
500L-10-1.5	3/8"	1/2"	1.5
500L-10-2	3/8"	1/2"	2
500L-10-2.5	3/8"	1/2"	2.5
500L-10-3	3/8"	1/2"	3
500L-10-3.5	3/8"	1/2"	3.5
500L-10-4	3/8"	1/2"	4
500L-10-5	3/8"	1/2"	5
500L-10-5.5	3/8"	1/2"	5.5
500L-10-6	3/8"	1/2"	6
500L-10-6.5	3/8"	1/2"	6.5
500L-10-8	3/8"	1/2"	8
500L-10-9.5	3/8"	1/2"	9.5
500L-10-10	3/8"	1/2"	10
500L-10-11	3/8"	1/2"	11
500L-10-12	3/8"	1/2"	12
500L-10-12.5	3/8"	1/2"	12.5
500L-15-1	1/2"	3/4"	1
500L-15-3	1/2"	3/4"	3
500L-15-4	1/2"	3/4"	4
500L-15-5	1/2"	3/4"	5
500L-15-5.5	1/2"	3/4"	5.5
500L-15-6	1/2"	3/4"	6
500L-15-6.5	1/2"	3/4"	6.5
500L-15-7	1/2"	3/4"	7
500L-15-7.5	1/2"	3/4"	7.5
500L-15-8.5	1/2"	3/4"	8.5

0115	Inlet Thread	Outlet Thread	Set Pressure Bar
500L-15-10	1/2"	3/4"	10
500L-15-10.5	1/2"	3/4"	10.5
500L-15-11	1/2"	3/4"	11
500L-15-11.5	1/2"	3/4"	11.5
500L-20-1.5	3/4"	1"	1.5
500L-20-2.5	3/4"	1"	2.5
500L-20-3	3/4"	1"	3
500L-20-3.5	3/4"	1"	3.5
500L-20-4	3/4"	1"	4
500L-20-5	3/4"	1"	5
500L-20-5.5	3/4"	1"	5.5
500L-20-6	3/4"	1"	6
500L-20-6.5	3/4"	1"	6.5
500L-20-7	3/4"	1"	7
500L-20-7.5	3/4"	1"	7.5
500L-20-8	3/4"	1"	8
500L-20-8.5	3/4"	1"	8.5
500L-20-9	3/4"	1"	9
500L-20-10	3/4"	1"	10
500L-20-11	3/4"	1"	11
500L-20-11.5	3/4"	1"	11.5
500L-20-12	3/4"	1"	12
500L-20-12.5	3/4"	1"	12.5
500L-25-1.5	1"	1.1/4"	1.5
500L-25-2	1"	1.1/4"	2
500L-25-2.5	1"	1.1/4"	2.5
500L-25-3	1"	1.1/4"	3

0115	Inlet Thread	Outlet Thread	Set Pressure Bar
500L-25-3.5	1"	1.1/4"	3.5
500L-25-4	1"	1.1/4"	4
500L-25-5.5	1"	1.1/4"	5.5
500L-25-7	1"	1.1/4"	7
500L-25-7.5	1"	1.1/4"	7.5
500L-25-8	1"	1.1/4"	8
500L-25-8.5	1"	1.1/4"	8.5
500L-25-11	1"	1.1/4"	11
500L-25-12.5	1"	1.1/4"	12.5
500L-32-3	1.1/4"	1.1/2"	3
500L-32-3.5	1.1/4"	1.1/2"	3.5
500L-32-5	1.1/4"	1.1/2"	5
500L-32-7.5	1.1/4"	1.1/2"	7.5
500L-32-8.5	1.1/4"	1.1/2"	8.5
500L-32-10	1.1/4"	1.1/2"	10
500L-32-11	1.1/4"	1.1/2"	11
500L-40-1.5	1.1/2"	2"	1.5
500L-40-3	1.1/2"	2"	3
500L-40-3.5	1.1/2"	2"	3.5
500L-40-4	1.1/2"	2"	4
500L-40-7	1.1/2"	2"	7
500L-40-7.5	1.1/2"	2"	7.5
500L-40-12	1.1/2"	2"	12
500L-50-3.5	2"	2.1/2"	3.5
500L-50-7	2"	2.1/2"	7
500L-50-12.5	2"	2.1/2"	12.5

Tech Sheet 20438

We have listed all the popular sizes and pressure ratings, however other variations are available.

Individual test certificates to be requested at the time of order



# PRESSURE RELIEF VALVES

# NABIC®

## Pressure Relief Valves (Fig 542L)

**Applications:** NABIC liquid relief valves are intended for use where pressure tightness is required on the discharge side of the valve. They are ideal for use on pump relief and bypass relief applications, also on outside installations and where tamper-proof units are required.

**Available options:** stainless steel springs, high pressure versions and Viton seat design.

**Construction:** the valves are of gunmetal construction with top-guided copper alloy parts. Fitted with chrome vanadium spring as standard, they also incorporate the proven NABIC PTFE to metal seating design. O-Ring seals ensure pressure tightness at cover and cap joints.



**Please Note:** due to pressure setting and certification of this product, normal delivery will be up to 3 working days (manufacturers stock permitting), although a quicker service may be available if required. **Please contact our sales team.**

**Features:**

- High degree of seat tightness
- Certified discharge table
- Designed and tested to BS 6759

 **Working Temperature:**  
-20°C to +195°C

 **Maximum Working Pressure:**  
12.5 bar



### BSPP Inlet x BSPP Outlet

0115	Thread	Set Pressure Bar
542L-15-1	1/2"	1
542L-15-1.5	1/2"	1.5
542L-15-2	1/2"	2
542L-15-2.5	1/2"	2.5
542L-15-3	1/2"	3
542L-15-3.5	1/2"	3.5
542L-15-4	1/2"	4
542L-15-4.5	1/2"	4.5
542L-15-5	1/2"	5
542L-15-6	1/2"	6
542L-15-7	1/2"	7
542L-15-8.5	1/2"	8.5
542L-15-10	1/2"	10
542L-15-10.5	1/2"	10.5
542L-20-1	3/4"	1
542L-20-1.5	3/4"	1.5
542L-20-2	3/4"	2
542L-20-2.5	3/4"	2.5
542L-20-3	3/4"	3
542L-20-3.5	3/4"	3.5
542L-20-5	3/4"	5
542L-20-6	3/4"	6

0115	Thread	Set Pressure Bar
542L-20-6.5	3/4"	6.5
542L-20-7	3/4"	7
542L-20-8	3/4"	8
542L-20-9	3/4"	9
542L-20-10	3/4"	10
542L-25-1	1"	1
542L-25-1.5	1"	1.5
542L-25-2	1"	2
542L-25-2.5	1"	2.5
542L-25-3	1"	3
542L-25-3.5	1"	3.5
542L-25-4	1"	4
542L-25-5	1"	5
542L-25-6	1"	6
542L-25-7	1"	7
542L-25-8	1"	8
542L-25-10	1"	10
542L-25-10.5	1"	10.5
542L-32-3	1.1/4"	3
542L-32-4	1.1/4"	4
542L-32-8	1.1/4"	8
542L-32-10	1.1/4"	10

0115	Thread	Set Pressure Bar
542L-32-10.5	1.1/4"	10.5
542L-40-1.5	1.1/2"	1.5
542L-40-2.5	1.1/2"	2.5
542L-40-5	1.1/2"	5
542L-40-6	1.1/2"	6
542L-40-7	1.1/2"	7
542L-40-10	1.1/2"	10
542L-50-1.5	2"	1.5
542L-50-2	2"	2
542L-50-4	2"	4
542L-50-7.5	2"	7.5
542L-50-8.5	2"	8.5
542L-50-9.5	2"	9.5
542L-50-10	2"	10
542L-50-10.5	2"	10.5
542L-65-2	2.1/2"	2
542L-65-3	2.1/2"	3
542L-65-3.5	2.1/2"	3.5
542L-65-5	2.1/2"	5
542L-80-4.5	3"	4.5
542L-80-7	3"	7

Tech Sheet 1400

We have listed all the popular sizes and pressure ratings, however other variations are available.

Individual test certificates to be requested at the time of order


# PRESSURE RELIEF VALVES

## Combined Pressure & Temperature Relief Valves (Fig 500T)

### Features:

- Dome top
- Relief pressure can be set between 1 and 12.5 bar for 3/4" to 1" and between 0.4 and 12.5 bar for 1.1/4" upwards
- Suitable for hot water and potable water
- A viton seat option is also available on request

 **Working Temperature:**  
-20°C to +95°C

 **Maximum Working Pressure:**  
12.5 bar



### BSPT Male Inlet x BSPP Female Outlet

0115	Thread	DN	Set Pressure Bar
500T-15-1	3/4"	15	1
500T-15-2	3/4"	15	2
500T-15-3	3/4"	15	3
500T-15-4	3/4"	15	4
500T-15-5	3/4"	15	5
500T-15-6	3/4"	15	6
500T-20-1	1"	20	1
500T-20-2	1"	20	2
500T-20-3	1"	20	3
500T-20-4	1"	20	4
500T-20-5	1"	20	5
500T-20-6	1"	20	6
500T-25-1	1.1/4"	25	1
500T-25-2	1.1/4"	25	2
500T-25-3	1.1/4"	25	3
500T-25-4	1.1/4"	25	4
500T-25-5	1.1/4"	25	5
500T-25-6	1.1/4"	25	6
500T-32-1	1.1/2"	32	1
500T-32-2	1.1/2"	32	2
500T-32-3	1.1/2"	32	3
500T-32-4	1.1/2"	32	4
500T-32-5	1.1/2"	32	5
500T-32-6	1.1/2"	32	6
400T-40-1	2"	40	1
400T-40-2	2"	40	2
400T-40-3	2"	40	3
400T-40-4	2"	40	4
400T-40-5	2"	40	5
400T-40-6	2"	40	6
500T-50-1	2.1/2"	50	1
500T-50-2	2.1/2"	50	2
500T-50-3	2.1/2"	50	3
500T-50-4	2.1/2"	50	4
500T-50-5	2.1/2"	50	5
500T-50-6	2.1/2"	50	6

Tech Sheet 20441

# NABIC®

## Safety Relief Valves (Fig 542F)

### Features:

- Easing lever
- Relief pressure can be set between 0.3 and 10.5 bar
- Suitable for hot water, saturated steam, compressed air and inert gasses, CO<sub>2</sub> (to +20°C), ethylene glycol and potable water
- A viton seat option is also available on request

 **Working Temperature:**  
-20°C to +195°C

 **Maximum Working Pressure:**  
10.5 bar



### Flanged PN16 Inlet x BSPP Female Outlet

0115	Flange Size	Thread	Set Pressure Bar
542F-32-1	1.1/4"	1.1/4"	1
542F-32-2	1.1/4"	1.1/4"	2
542F-32-3	1.1/4"	1.1/4"	3
542F-32-4	1.1/4"	1.1/4"	4
542F-32-6	1.1/4"	1.1/4"	6
542F-40-1	1.1/2"	1.1/2"	1
542F-40-2	1.1/2"	1.1/2"	2
542F-40-3	1.1/2"	1.1/2"	3
542F-40-4	1.1/2"	1.1/2"	4
542F-40-6	1.1/2"	1.1/2"	6
542F-50-1	2"	2"	1
542F-50-2	2"	2"	2
542F-50-3	2"	2"	3
542F-50-4	2"	2"	4
542F-50-6	2"	2"	6
542F-63-1	2.1/2"	2.1/2"	1
542F-63-2	2.1/2"	2.1/2"	2
542F-63-3	2.1/2"	2.1/2"	3
542F-63-4	2.1/2"	2.1/2"	4
542F-63-6	2.1/2"	2.1/2"	6
542F-80-1	3"	3"	1
542F-80-2	3"	3"	2
542F-80-3	3"	3"	3
542F-80-4	3"	3"	4
542F-80-6	3"	3"	6

Tech Sheet 20442

**Please Note:** due to pressure setting and certification of this product, normal delivery will be up to 3 working days (manufacturers stock permitting), although a quicker service may be available if required.

**Please contact our sales team.**

**We have listed all the popular sizes and pressure ratings, however other variations are available.**

**Individual test certificates to be requested at the time of order**