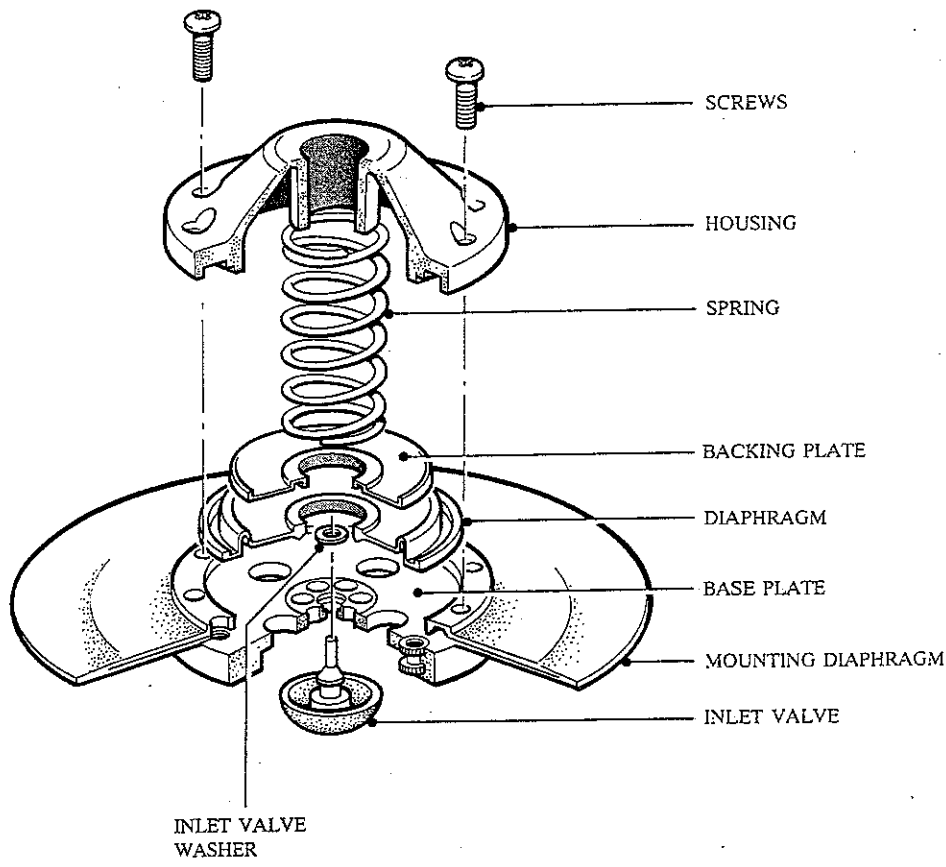


SENSITIVE RELIEF & TOPPING UP VALVES

Introduction SRTU valves have the high flow rates of A3 relief valves and a facility for topping up.

The bellows used should be of a pressure limiting type as the relief facility of the valve is inoperable in the topping up mode. For the same reason, SRTU valves should not be used for inflation from a high pressure source such as a gas bottle or shop air-line.

SRTU valves can be supplied with natural rubber or Neoprene mounting diaphragms. Valves with rubber mounting diaphragms are suitable for use in temperatures from -40°C to +80°C, those with Neoprene diaphragms from -20°C to +80°C.

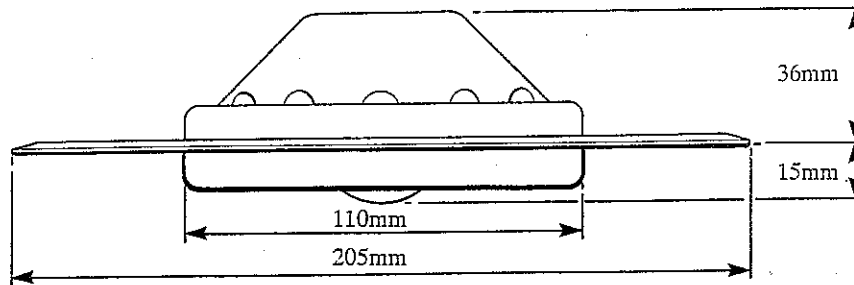


| | | |
|------------------|--------------------|--|
| Materials | Screws | : Austenitic stainless steel |
| | Housing | : Acetal copolymer |
| | Spring | : Austenitic stainless steel |
| | Backing plate | : Acetal copolymer |
| | Diaphragm | : Natural rubber or Neoprene (optional) |
| | Base plate | : Acetal polymer |
| | Mounting diaphragm | : Natural rubber or Neoprene (fabric reinforced) |
| | Inlet valve | : Natural rubber |
| | Inlet valve washer | : Nylon |

Range

| Colour Code | Open pressure | | | Reseat Pressure(kPa) |
|-------------|-------------------------------|---------------|-----------|----------------------|
| | Nominal (lb/in ²) | Specification | | |
| | | max (kPa) | min (kPa) | |
| Grey | 1.00 | 8.3 | 6.0 | 5.0 |
| Yellow | 1.75 | 13.2 | 10.8 | 10.2 |
| Blue | 2.00 | 15.2 | 12.8 | 11.7 |
| Brown | 2.50 | 18.4 | 16.1 | 14.7 |
| White | 2.75 | 20.2 | 17.8 | 16.2 |
| Orange | 3.25 | 23.9 | 21.4 | 20.5 |
| Red | 4.00 | 29.4 | 24.4 | 23.9 |
| Black | 5.00 | 33.4 | 28.4 | 27.4 |
| Green | 6.00 | 41.3 | 36.4 | 36.1 |
| Pink | 10.00 | 72.7 | 66.8 | 62.3 |

Dimensions



Ordering details

When ordering specify the valve type, colour code (from above table) and material (rubber or Neoprene) required for the mounting diaphragm, e.g. SRTU sensitive relief and topping up valve, orange, Neoprene.

Accessories
(see accessories section)

Bellows end fittings – for topping up.

Manometer and vacuum probes – for monitoring pressures during manufacture and for deflation and vacuum packing.