A6 RELIEF VALVES

Introduction

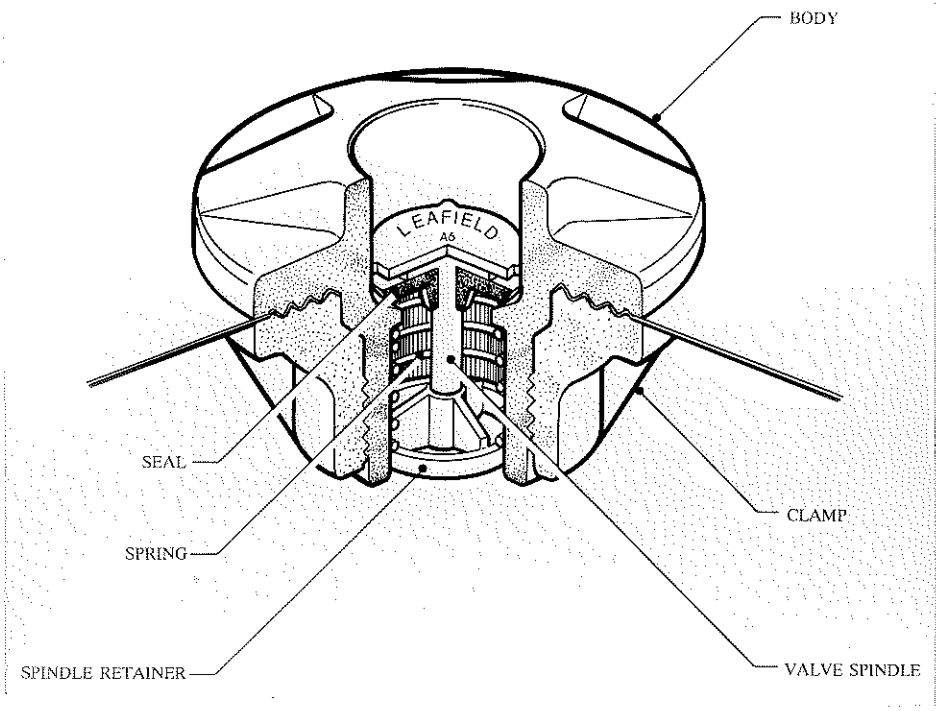
This valve has a lower throughput than the A3 and A10 valve but is more compact. It is ideal for uses where size and cost are critical but where flow rates are not high. The opening and reseat pressures of the valve are accurately controlled and repeatable.

Typical uses are in leisure rafts for main buoyancy pressure relief, the transfer valves where a set opening pressure is required, (for example the arches and boarding ramps of SOLAS type raft), life jacket pressure relief and over pressure protection in smaller inflatable structures.

The valve's very low external profile of this valve makes it ideally suited for use on inflatable boats to protect against over inflation or damage due to solar heating.

The A6 valve is clamped into the structure simplifying installation and making it suitable for most fabrics.

The valve is available in white, black and grey. It can also be supplied with a plug which provides a secondary seal.



The sealing diaphragm is available in a low temperature rubber for −40°C to +80°C use and in a synthetic rubber having a higher resistance to contaminates for a temperature range −20°C to +80°C.

Full installation instructions are given on the installation drawing.

The valve is rugged and requires no routine maintenance.

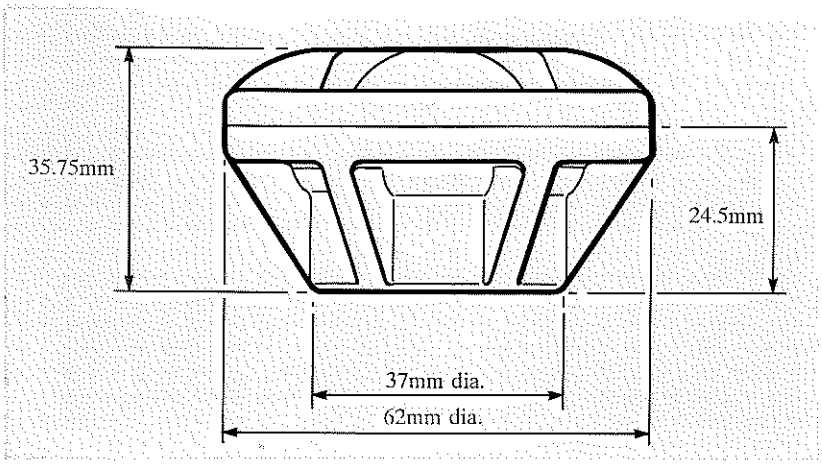
Materials

Body	:	Acetal copolymer
Seal	:	Natural rubber/synthetic rubber
Clamp	:	Acetal copolymer
Spring	:	Austenitic stainless steel
Valve spindle	:	Acetal copolymer
Spindle retainer	:	Acetal copolymer
Bung	:	Synthetic rubber

Range

Colour Code	Nominal (lb/in^2)	Maximum Open Pressure (kPa)	Minimum Reseat Pressure (kPa)
Grey	1.0	8.2	4.98
Yellow	1.75	14.6	10.2
Blue	2.0	16.9	11.7
Brown	2.5	21.1	14.9
White	2.75	23.4	16.1
Orange	3.25	29.6	20.6
Red	4.00	34.3	23.9

Dimensions



Ordering details

When ordering specify the valve type, colour code and seal material, colour of valve body,
e.g. A6, blue, natural rubber, black.