



**LRV2**  
Bronze  
Pressure Reducing Valve  
For Liquids  
Direct Acting  
BSP Threaded  
(NPT on request)

**spirax/sarco**



Manufactured by Spirax Sarco, the LRV2S is a direct acting pressure valve for use on water. The compact design makes it ideal for point of use installations, providing accurate control of pressure under stable load conditions.

Advanced manufacturing technology has been used to produce a highly durable pressure reducing valve having mainly stainless steel internals and nitrile valve head for complete valve closure under no load conditions.

**Approvals, Features & Benefits**

- LRV2B with bronze/brass bellows
- LR2S with stainless steel bellows
- Direct acting
- Robustly constructed
- Tamper resistant
- Built-in strainer
- Compact design

**Pressure & Temperature**

Max upstream pressure:-  
14 bar

Downstream pressure range:-  
0.35 to 8.6 bar  
(Max outlet pressure reduction ratio 10:1)

Temperature range:-  
0°C to 75°C

| BSP                        | 1/2 | 3/4 | 1   |
|----------------------------|-----|-----|-----|
| <b>A</b>                   | 83  | 96  | 108 |
| <b>B</b>                   | 32  | 32  | 32  |
| <b>C</b>                   | 62  | 62  | 62  |
| <b>D</b>                   | 130 | 130 | 130 |
| <b>E</b>                   | 25  | 25  | 25  |
| <b>F</b>                   | 40  | 40  | 40  |
| <b>Flow K<sub>vs</sub></b> | 2.1 | 3.6 | 4.3 |
| <b>Weight Kg</b>           | 2.0 | 2.1 | 2.4 |

**MATERIALS**

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| <b>Body</b>                    | Bronze (LG2)                                           |
| <b>Spring Housing</b>          | Aluminium (Epoxy Coated)                               |
| <b>Valve Seat &amp; Piston</b> | Stainless Steel (431)                                  |
| <b>Push Rod</b>                | Stainless Steel (316L)                                 |
| <b>Strainer Screen</b>         | Stainless Steel (316)                                  |
| <b>Valve Head</b>              | Nitrile                                                |
| <b>Spring</b>                  | Silicon Chrome Spring Steel                            |
| <b>Bellows</b>                 | Phosphor Bronze (LRV2B) • Stainless Steel 316L (LRV2S) |

**AVAILABLE SPARES**

|                                              |
|----------------------------------------------|
| Spring                                       |
| Bellows Assembly (Bronze or Stainless Steel) |
| Spring Housing Hex. Bolts (Set of 4)         |
| Valve & Seat Assembly                        |
| Strainer Screen                              |
| Gasket Set                                   |

**SPRING SELECTION (BAR) COLOUR CODE**

|                    |        |
|--------------------|--------|
| <b>0.35 to 1.7</b> | Grey   |
| <b>1.4 to 4.0</b>  | Green  |
| <b>3.5 to 8.6</b>  | Orange |