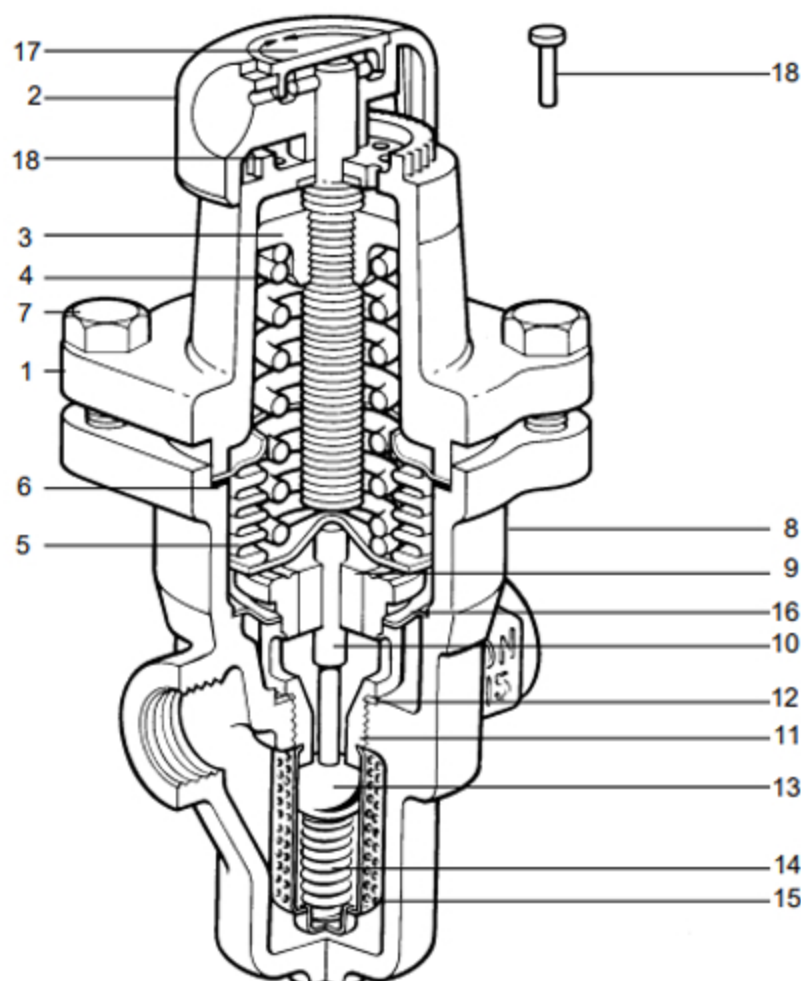
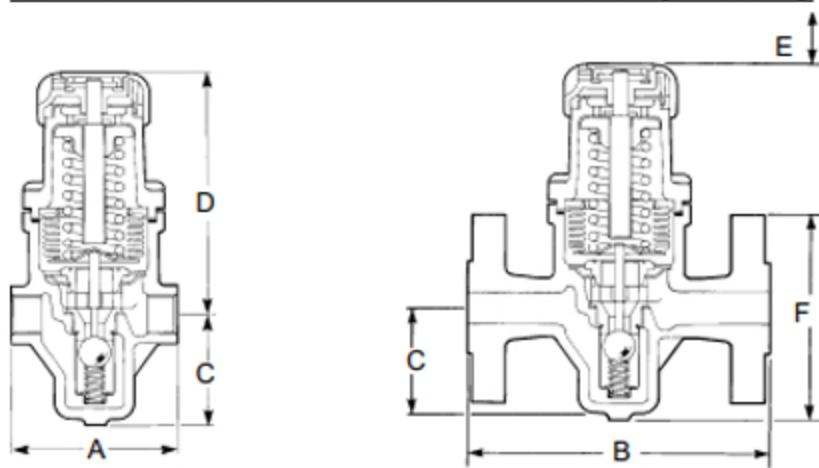


Spirax Sarco ½ - 1" SG Cast Iron BSP Pressure Reducing Valve BRV2



Dimensions (approximate) in millimetres

| DN | A | B | C | D | Withdrawal Distance | | Weight | |
|----|-----|-----|----|-------|---------------------|-----|---------|---------|
| | | | | | E | F | Scr | Flg |
| 15 | 83 | 150 | 55 | 126.5 | 25 | 97 | 1.60 kg | 3.90 kg |
| 20 | 96 | 150 | 55 | 126.5 | 25 | 107 | 1.70 kg | 4.25 kg |
| 25 | 108 | 160 | 55 | 126.5 | 25 | 117 | 1.95 kg | 4.65 kg |

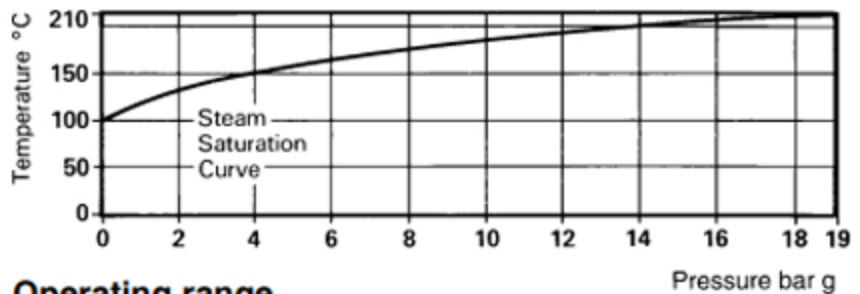


Features:

- Screwed BSP Connection
- Direct Acting Pressure Reducing Valve
- SG Iron Body

Limiting conditions

Body design conditions PN 25
Maximum design temperature 210°C
Maximum cold hydraulic test 38 bar g
Maximum recommended turn down ratio 10:1 at maximum flow.
Maximum upstream pressure 19 bar g
Maximum downstream reduced pressure 8.6 bar g.



Operating range

Downstream pressure ranges available, and shown by colour of identity disc (16).

| | |
|--------|------------------|
| Grey | 0.14 - 1.7 bar g |
| Green | 1.4 - 4.0 bar g |
| Orange | 3.5 - 8.6 bar g |

Note: Where required controlled pressure offers choice of spring range, use the lower range for more sensitive control.

Materials

| No. Part | Material |
|-------------------------------------|---|
| 1 Spring Housing | Aluminium — Epoxy coated LM 24 |
| 2 Adjustment Hand Wheel | Mineral Reinforced Nylon |
| 3 Top Spring Plate | Cast Iron DIN 1691 EN-JL1030 |
| 4 Pressure Adjustment Spring | Silicon Chrome BS 2803 685 A55 Spring Steel Range 2 |
| 5 Bellows Assembly Option | Stainless Steel 316Ti/316L Phosphor Bronze/Brass |
| 6 Bellows Assembly Gasket | Stainless Steel Reinforced Exfoliated Graphite |
| 7 Spring Housing Bolts | Steel — Zinc plated BS 3692 Gr 8.8 M8 x 25mm |
| 8 Body | Screwed SG Iron DIN 1693 EN-JS1049 Flanged SG Iron DIN 1693 EN-JS1049 |
| 9 Guide Bush | Stainless Steel ASTM A276 316L |
| 10 Push rod | Stainless Steel ASTM A276 316L |
| 11 Valve Seat | Stainless Steel BS 970 431 S29 |
| 12 Valve Seat Gasket | Stainless Steel BS 1449 316 S11 |
| 13 Valve | Stainless Steel AISI 420 |
| 14 Valve Return Spring | Stainless Steel BS 20056 316 S42 |
| 15 Strainer Screen | Stainless Steel BS 1449 316 SH |
| 16 Bulkhead Plate | Stainless Steel 316 L |
| 17 Spring Range Identification Disc | Polypropylene |
| 18 Tamperproof Pin | Mild Steel - Copper Plated |
| 19 Blanking Plug | Stainless Steel BS970 431 S29 |
| 20 Compression Fitting | Brass |