

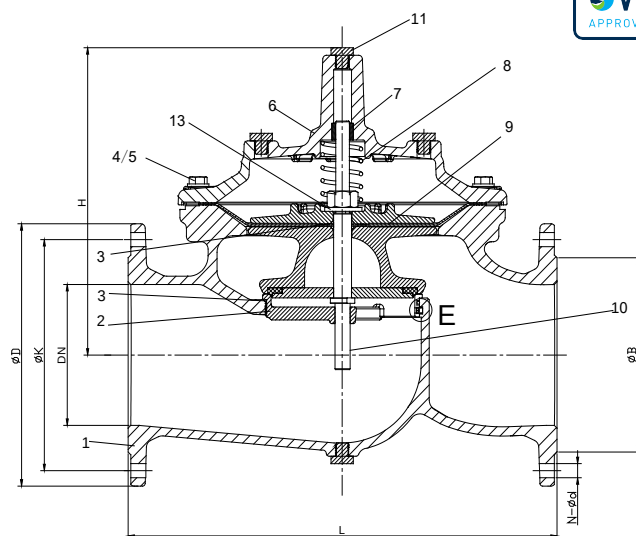
# Flanged Pressure Reducing Valve

Data sheet for HVPRVF, Issue 1220

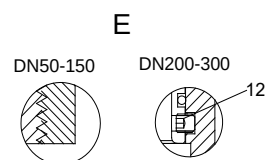


## Construction

- 1 Body : Ductile iron, GJS 500-7
- 2 Seat : Stainless Steel, AISI 304/316
- 3 O-ring : Rubber, NBR
- 4 Bolt : Stainless Steel, A2/A4
- 5 Washer : Stainless Steel, A2/A4
- 6 Bonnet : Ductile iron, GJS 500-7
- 7 Bush : Bronze, C61900
- 8 Spring : Stainless Steel, AISI 304/316
- 9 Diaphragm : Nylon Reinforced Rubber, EPDM + Nylon Fabric
- 10 Stem : Stainless Steel, AISI 304/316
- 11 Plug : Stainless Steel, AISI 304/316
- 12 Screw : Stainless Steel, A2/A4
- 13 Washer : Stainless Steel, A2/A4



Note: Standard Material is AISI 304. Consult factory for AISI 316 Material.



## Dimensions in mm

| Model     | DN  | L   | ØD  | ØK  | H   | N-Ød   | ØB   |
|-----------|-----|-----|-----|-----|-----|--------|------|
| HVPRVF 00 | 50  | 230 | 165 | 125 | 177 | 4-Ø19  | Ø99  |
| HVPRVF 01 | 65  | 290 | 185 | 145 | 202 | 4-Ø19  | Ø118 |
| HVPRVF 02 | 80  | 310 | 200 | 160 | 219 | 8-Ø19  | Ø132 |
| HVPRVF 03 | 100 | 350 | 220 | 180 | 243 | 8-Ø19  | Ø156 |
| HVPRVF 04 | 125 | 400 | 250 | 210 | 243 | 8-Ø19  | Ø156 |
| HVPRVF 05 | 150 | 480 | 285 | 240 | 333 | 8-Ø23  | Ø211 |
| HVPRVF 06 | 200 | 600 | 340 | 295 | 428 | 12-Ø23 | Ø266 |
| HVPRVF 07 | 250 | 730 | 405 | 355 | 478 | 12-Ø28 | Ø319 |
| HVPRVF 08 | 300 | 850 | 460 | 410 | 538 | 12-Ø28 | Ø370 |

## Specification

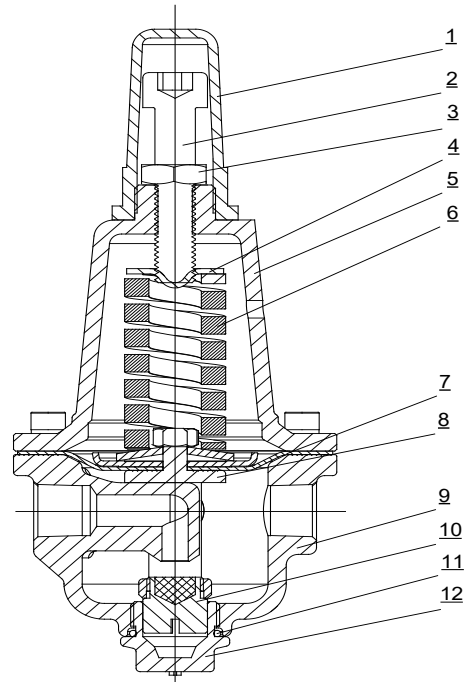
- Size: DN50 to DN300
- Pressure Rating: PN16 (PN25 available on request)
- Outlet Pressure: 1-10 Bar
- Working Temperature: -10°C to 80°C
- End Connection: EN1092-2, PN16
- purpose requirement : BS EN1074-5
- Valve Testing: BS EN12266-1
- Face to Face: BS EN558-1



# Reducing Pilot

## Construction

- |    |                 |                                               |
|----|-----------------|-----------------------------------------------|
| 1  | Cap             | : Plastic, ABS                                |
| 2  | Adjusting screw | : Stainless Steel, AISI 304                   |
| 3  | Jam Nut         | : Stainless Steel, A2                         |
| 4  | Sprinh Table    | : Stainless Steel, AISI 304                   |
| 5  | Bonnet          | : Stainless Steel, AISI 304                   |
| 6  | Spring          | : Stainless Steel, SiCrV                      |
| 7  | Diaphragm       | : Nylon Reinforced Rubber<br>EPDM + Nylon     |
| 8  | Yoke            | : Stainless Steel, AISI 304                   |
| 9  | Body            | : Stainless Steel, AISI 304                   |
| 10 | Disc            | : Stainless Steel + Rubber<br>AISI 304 + EPDM |
| 11 | O-ring          | : Rubber, NBR                                 |
| 12 | Plug            | : Stainless Steel, AISI 304                   |



## Cavitation

