

AV-263 Cast Iron Pilot Operated Pressure Reducing Valve

Features

With Stainless Steel working part, Renewable Seat
Flanged Ends as per BS-10, Table F

Test Pressure

Body : 300 Psig (Hyd.)
Max working pressure : 150 Psig (Steam)
Max. working temp. : 220°C

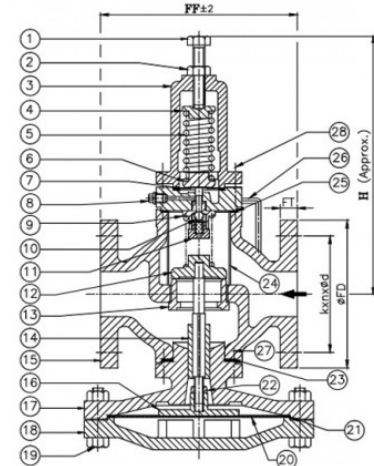
Suitability

Steam



Material Combination

| P.No. | Name of Part | Material | Specification |
|-------|--|-----------------------------|----------------------------------|
| 1 | Adjusting Screw | Carbon Steel | - |
| 2 | Locking Nut | Carbon Steel | - |
| 3 | Spring Housing | S.G.I. | EN 1563 Gr. GJS - 400-15 |
| 4 | Spring Top Disc | Stainless Steel | AISI 410 |
| 5 | Pressure Adjusting Spring | Stainless Steel | AISI 304 |
| 6 | Spring Bottom Disc | Stainless Steel | AISI 410 |
| 7 | Diaphragm | Stainless Steel | AISI 304 |
| 8 | Side Plug | Stainless Steel | AISI 410 |
| 9 | Pilot Value Body | Stainless Steel | AISI 304 |
| 10 | Ball | Stainless Steel | AISI 304 |
| 11 | Pilot Valve Spring Retaining Check Nut | Stainless Steel | AISI 304 |
| 12 | Main Valve Disc | Stainless Steel | AISI 410 + STELLITE |
| 13 | Body Seat Ring | Stainless Steel | AISI 410 + STELLITE |
| 14 | Push Rod Guide Sleeve | Stainless Steel | AISI 410 |
| 15 | Main Valve Body | Cast Iron | IBR 86 TO 93 Gr. A |
| 16 | Main Diaphragm Disc | Gun Metal / Stainless Steel | IBR 282 (a) (iv) Gr.B / AISI 410 |
| 17 | Half Upper Cover | Cast Iron | IBR 86 TO 93 Gr. A |
| 18 | Half Lower Cover | Cast Iron | IBR 86 TO 93 Gr. A |
| 19 | Bolts & Nuts | Carbon Steel | - |
| 20 | Diaphragm | Stainless Steel | AISI 304 |
| 21 | Gasket | C.A.F. | IS 2712 |
| 22 | Push Rod Lock Nut | Stainless Steel | AISI 410 |
| 23 | Gasket | C.A.F. | IS 2712 |
| 24 | Strainer Screen | Stainless Steel | AISI 304 |
| 25 | Gasket | C.A.F. | - |
| 26 | By Pass Assy. | - | - |
| 27 | Studs & Nuts | Carbon Steel | - |
| 28 | Studs & Nuts | Carbon Steel | - |



Dimensional Data

| Nominal Size (mm) | FF ±2 | H | ØFD | FT | k | n | Ød |
|-------------------|-------|-----|-------|------|------|---|------|
| 25 | 165 | 215 | 120.7 | 12.7 | 87.3 | 4 | 17.5 |

| Nominal Size (mm) | FF ±2 | H | ØFD | FT | k | n | Ød |
|-------------------|-------|-----|-------|------|-------|---|------|
| 40 | 203 | 245 | 139.7 | 15.9 | 104.8 | 4 | 17.5 |
| 50 | 248 | 295 | 165.1 | 19.1 | 127 | 4 | 17.5 |

k - P.C.D; n - Number of Holes; Ød - Diameter of Holes