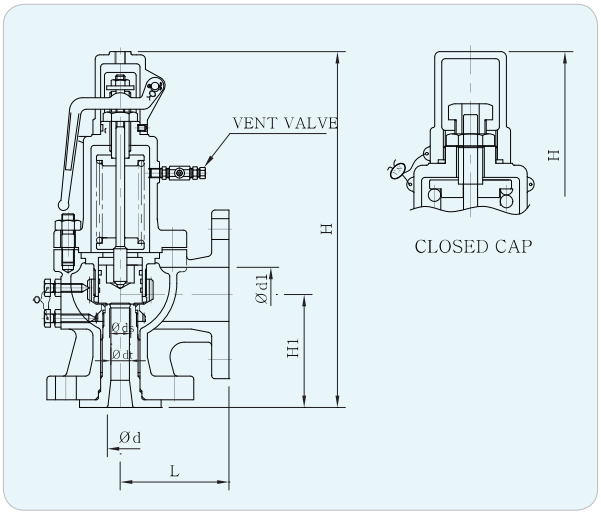
# FSV-1F | Full Bore Safety Relief Valve

- This is generally used for large-size steam boiler, various pressure vessels and tracing equipment as safety valve and relief valve in pump.
- Suitable for large capacity.
- The main parts are made of the good materials in accurate.
- Lever type could execute the discharge inspection manually at over 75% of discharge pressure.
- ANSI, DIN Flanges are avaliable upon request.




## ▶ Specifications

| Type | Working Fluid | Setting Pressure (kgf/㎠) | Working Temperature (℃) | Materials | | Connection |
|---|---|---|---|---|---|---|
| | | | | Body | Trim | |
| Lever | Steam, Air | 0.5~11 | 220 | Ductile Iron | Stainless Steel | JIS Flanged |
| No Lever | Water, Oil | | | | | |

## ▶ Dimensions

| Size / Part | d | dt | ds | L | H1 | H | Lift | Inlet | Outlet |
|---|---|---|---|---|---|---|---|---|---|
| 15A × 25A | 15 | 11.5 | 14.5 | 95 | 85 | 282 | 3.0 | JIS 10K RF Flanged | JIS 10K FF Flanged |
| 20A × 25A | 20 | 15 | 17.5 | 95 | 85 | 282 | 3.8 | | |
| 25A × 40A | 25 | 19 | 22 | 100 | 104 | 324 | 4.8 | | |
| 32A × 65A | 32 | 30 | 35 | 115 | 123 | 419 | 7.5 | | |
| 40A × 65A | 40 | 30 | 35 | 115 | 123 | 419 | 7.5 | | |
| 50A × 80A | 50 | 38 | 44 | 128 | 130 | 478 | 9.5 | | |
| 65A × 100A | 65 | 49 | 57 | 145 | 145 | 544 | 12.3 | | |
| 80A × 125A | 80 | 61 | 71 | 162 | 168 | 600 | 15.2 | | |
| 100A × 150A | 100 | 76 | 88 | 190 | 197 | 725 | 19.0 | | |
| 125A × 200A | 125 | 95 | 114 | 220 | 222 | 900 | 24.0 | | |
| 150A × 200A | 150 | 115 | 133 | 225 | 230 | 961 | 28.7 | | |

※ KS B6216 Flange is available upon request