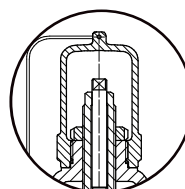
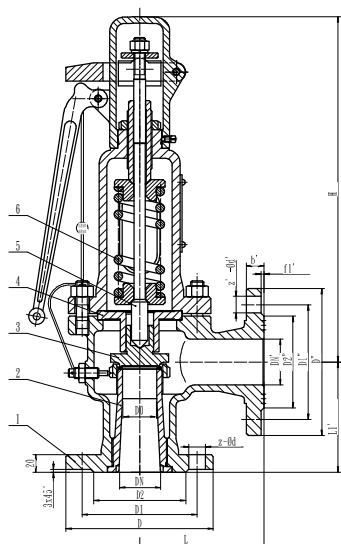
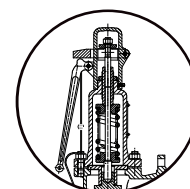


## Low Lift Safety Valve - Open Bonnet

- Size: 1"(DN25) to 8"(DN200)
- Working Pressure: 0.3 to 40 bar
- Working Temp.: -29°C to 350°C
- Connection Standard: ANSI/JIS/PN.....etc.



**HSD42**



**HSD43**

| ITEM | PARTS  | MATERIAL                                             |       |
|------|--------|------------------------------------------------------|-------|
|      |        | HSL42                                                | HSL43 |
| 1    | BODY   | SS304 / SS316 / SUS420 / 2205 DUPLEX STAINLESS STEEL |       |
| 2    | SEAT   | SS304 / SS316 / SUS420 / 2205 DUPLEX STAINLESS STEEL |       |
| 3    | DISC   | SS304 / SS316 / SUS420 / 2205 DUPLEX STAINLESS STEEL |       |
| 4    | STEM   | SS304 / SS316 / SUS420 / 2205 DUPLEX STAINLESS STEEL |       |
| 5    | SPRING | INCONEL X-750 / 50CRVA                               |       |
| 6    | LEVER  | -                                                    | SS304 |

| DIMENSIONS (MM) |              |                       |                         |      |     |     |
|-----------------|--------------|-----------------------|-------------------------|------|-----|-----|
| P1<br>INLET     | P2<br>OUTLET | D<br>ORIFICE DIAMETER | A<br>ORIFICE AREA (MM²) | LIFT | L1  | L2  |
| 1"              | 1"           | 20                    | 314.0                   | 1    | 100 | 85  |
| 1-1/4"          | 1-1/4"       | 25                    | 490.6                   | 1.25 | 115 | 100 |
| 1 1/2"          | 1 1/2"       | 32                    | 803.8                   | 1.6  | 120 | 110 |
| 2"              | 2"           | 40                    | 1256.0                  | 2    | 135 | 120 |
| 2 1/2"          | 2 1/2"       | 50                    | 1962.5                  | 2.5  | 145 | 130 |
| 3"              | 3"           | 65                    | 3316.6                  | 3.25 | 160 | 135 |
| 4"              | 4"           | 80                    | 5024.0                  | 4    | 170 | 160 |
| 5"              | 5"           | 100                   | 7850.0                  | 5    | 190 | 180 |
| 6"              | 6"           | 125                   | 12265.6                 | 6.25 | 205 | 195 |
| 8"              | 8"           | 150                   | 17662.5                 | 7.5  | 240 | 230 |