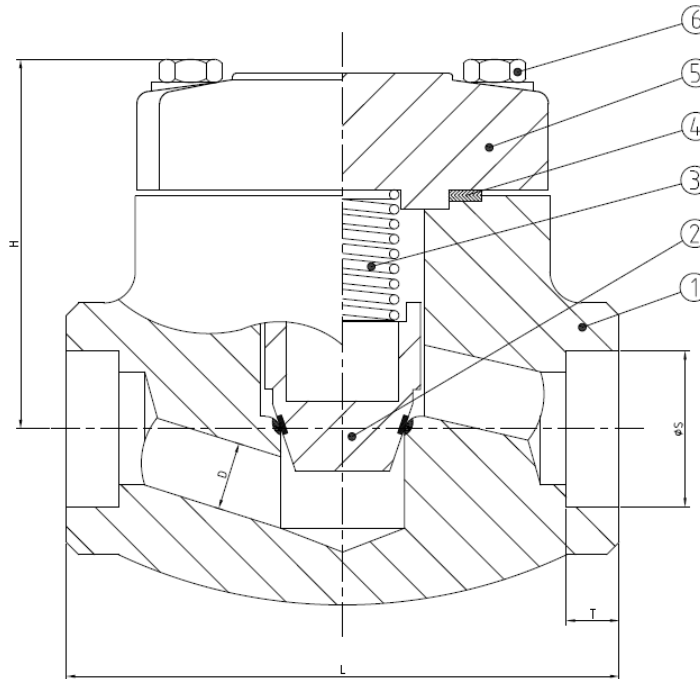
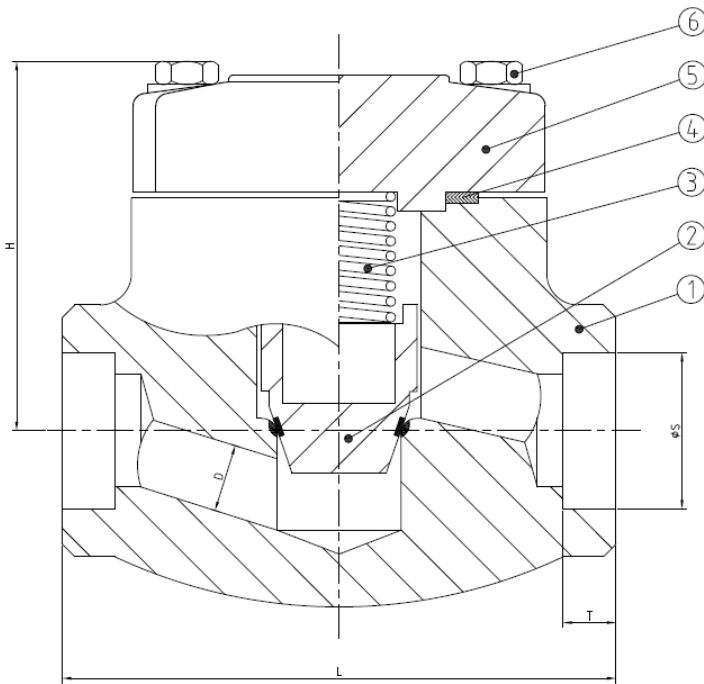


**API 602, ASME B16.34 & BS 5352
MSS SP 118**



| Item | Description | Material | |
|------|-------------|----------------|-----------------|
| | | Carbon steel | Stainless Steel |
| 1 | Body | ASTM A 105+STL | A 182 F316L+STL |
| 2 | Disc | 13Cr+STL | A 182 F316L+STL |
| 3 | Spring | SS304 | A 182 F316L |
| 4 | Gasket | SS304+Graphite | SS316+Graphite |
| 5 | Bonnet | ASTM A 105 | A 182 F316L |
| 6 | Bonnet Bolt | A193B7M | A193B8M |





| DN | L | H | ØS | T | D |
|-------------|-----|-----|------|----|------|
| 15 (1/2") | 111 | 61 | 21,8 | 10 | 10 |
| 20 (3/4") | 111 | 79 | 27,2 | 13 | 13 |
| 25 (1") | 120 | 97 | 33,9 | 13 | 17,5 |
| 40 (1 1/2") | 172 | 115 | 48,8 | 13 | 28,5 |
| 50 (2") | 220 | 132 | 61,2 | 16 | 35 |

(*) Dimensions in mm and weight in kg.

| DESIGN STANDARDS | | | |
|-------------------------|-------------------------|--------------|---------|
| Valves design | ASME B16.34 | BS 5352 | API 602 |
| Connections | ANSI B1.20.1 | ANSI B 16.11 | |
| Shell thickness | ASME B16.34 | | |
| Face to face dimensions | Manufacturer's standard | | |
| TESTS AND CERTIFICATES | | | |
| Test certificate | API 598 | | |
| Quality Assurance | ISO 9001 | | |
| Pressure testing | EN 12266-1 | | |

| Kv Values in m3/h | | | |
|-------------------|------|----------|-------|
| DN | Kv | DN | Kv |
| 15 (½") | 22,3 | 40 (1½") | 111,4 |
| 20 (¾") | 42,8 | 50 (2") | 197 |
| 1" (25) | 80,5 | | |

Pressure-Temperature Chart

| TEST PRESSURE Kg/cm2 (g) | | |
|--------------------------|-----------------|----------|
| HYDROSTATIC | | |
| BODY | SEAT & BACKSEAT | AIR SEAT |
| 383 | 285 | 6 |

