

JOHN FIG. 848 Bronze Safety Valve

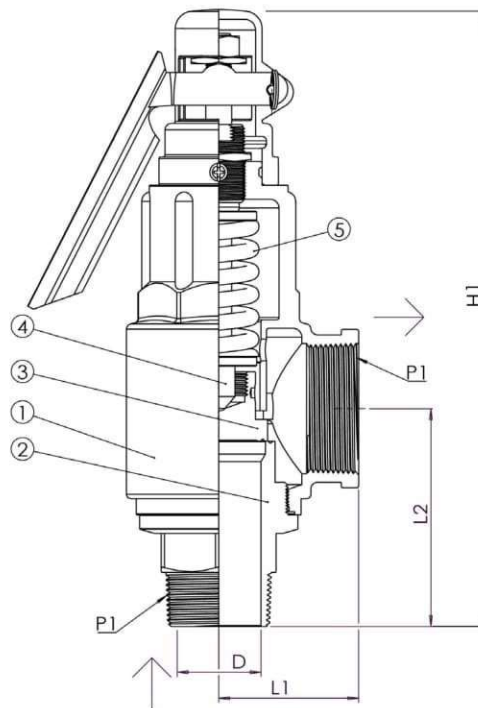
WORKING PRESSURES: 1.0 TO 15 BAR

WORKING TEMPERATURE: 225°C MAXIMUM

STEAM BLOWOUT CAPACITY

Kg/Hour @ 3% Overpressure

| Set Press Kpa | 1/2" / 3/4" | 3/4" / 1" | 1" / 1-1/4" | 1-1/4" / 1-1/2" | 1-1/2" / 2" | 2" / 2-1/2" |
|------------------|-------------|-----------|-------------|-----------------|-------------|-------------|
| | 15/20 | 20/25 | 25/32 | 32/40 | 40/50 | 50/65 |
| 200 | 93 | 174 | 307 | 513 | 650 | 1117 |
| 300 | 125 | 233 | 399 | 678 | 872 | 1498 |
| 400 | 157 | 292 | 491 | 843 | 1094 | 1880 |
| 500 | 189 | 352 | 583 | 1008 | 1316 | 2261 |
| 600 | 221 | 411 | 675 | 1173 | 1538 | 2642 |
| 700 | 253 | 470 | 767 | 1338 | 1760 | 3023 |
| 800 | 284 | 530 | 860 | 1503 | 1982 | 3405 |
| 900 | 316 | 589 | 952 | 1668 | 2204 | 3786 |
| 1000 | 348 | 648 | 1044 | 1833 | 2426 | 4167 |
| 1100 | 380 | 708 | 1136 | 1998 | 2648 | 4548 |
| 1200 | 412 | 767 | 1228 | 2163 | 2870 | 4929 |
| 1300 | 444 | 827 | 1320 | 2328 | 3092 | 5311 |
| 1400 | 476 | 886 | 1412 | 2493 | 3315 | 5692 |
| 1500 | 508 | 945 | 1505 | 2658 | 3537 | 6073 |



MATERIALS OF CONSTRUCTION

| ITEM | DESCRIPTION | MATERIAL |
|------|-------------|--------------------|
| 1. | BODY | GUNMETAL BRONZE |
| 2. | BASE (SEAT) | STAINLESS STEEL |
| 3. | DISC | STAINLESS STEEL |
| 4. | STEM | STAINLESS STEEL |
| 5. | SPRING | OIL TEMPERED STEEL |

DIMENSIONS

| PI (BSP) | D(SEAT) | P2 (BSP) | D | L1 | L2 | H1 | Wt.Kg |
|----------|---------|----------|----|----|-----|-----|-------|
| 1/2 | 17 | 3/4 | 15 | 36 | 54 | 167 | 0.73 |
| 3/4 | 21 | 1 | 20 | 40 | 66 | 200 | 1.30 |
| 1 | 28 | 1-1/4 | 25 | 50 | 76 | 216 | 1.89 |
| 1-1/4 | 36 | 1-1/2 | 32 | 57 | 92 | 246 | 2.48 |
| 1-1/2 | 43 | 2 | 40 | 65 | 102 | 285 | 4.02 |
| 2 | 56 | 2-1/2 | 50 | 76 | 110 | 300 | 5.55 |