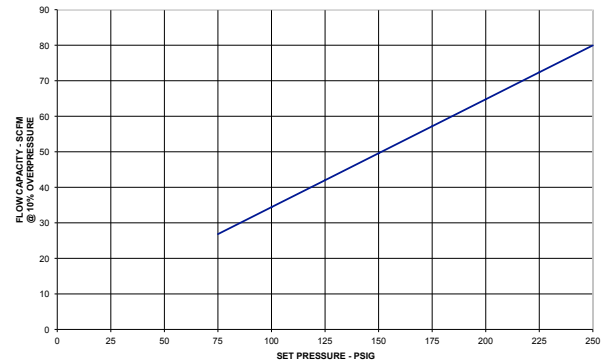


ASME Safety Valves

Model SP

- Designed for applications where a compact size is required and high flow capacities are not needed. For example, a 3 HP compressor may add 10 SCFM of air into the receiver at 125 PSI (860 kPa). The "SP" will flow 42 SCFM at 125 PSI (860 kPa) set pressure, so it will be adequate for this system.
- Resilient fluorocarbon (Viton) rubber pad insures valve is bubble-tight to within 10% of set pressure.
- All brass construction with stainless steel spring.
- Stamped with "UV" and "NB" symbols.
- Set pressure tolerance $\pm 3\%$ of set pressure.
- 120°C max. temperature.

Flow Chart

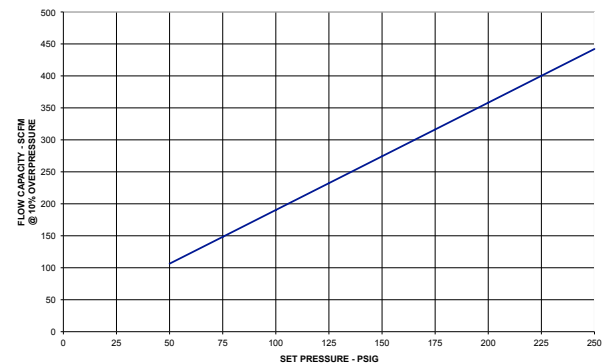


| Model | Connection | Set Pressure | Pad Material | Dimensions (mm) | | Weight (gms) | Part Number |
|-----------------------------|---------------|--------------|--------------|-----------------|------|--------------|-------------|
| | | | | Height | Hex | | |
| SP12 | 1/8" NPT | 75-250 PSI | Viton | 38 | 14.3 | 30 | On Request |
| SP25 | 1/4" BSPT/NPT | 75-250 PSI | Viton | 41 | 14.3 | 30 | On Request |
| <i>Stocked Items</i> | | | | | | | |
| SP25 | 1/4" BSPT | 965 kPa | Viton | 41 | 14.3 | 30 | 4012510 |
| SP25 | 1/4" BSPT | 1034 kPa | Viton | 41 | 14.3 | 30 | 4012520 |
| SP25 | 1/4" BSPT | 1103 kPa | Viton | 41 | 14.3 | 30 | 4012530 |
| SP25 | 1/4" BSPT | 1379 kPa | Viton | 41 | 14.3 | 30 | 4012540 |
| Test Certificate (Optional) | | | | | | | 4014995 |

Model SF

- Designed for systems where large flow capacities are needed.
- Resilient pad insures valve is bubble-tight to within 10% of set pressure.
- All brass construction with zinc-plated piano wire spring and a rubber seal, offered in silicone or fluorocarbon.
- Stamped with "UV" and "NB" symbols.
- Set pressure tolerance $\pm 3\%$ of set pressure.
- 90°C max. temperature.

Flow Chart



| Model | Connection | Set Pressure | Pad Material | Dimensions (mm) | | Weight (gms) | Part Number |
|-----------------------------|---------------|--------------|--------------|-----------------|------|--------------|-------------|
| | | | | Height | Hex | | |
| SF50 | 1/2" NPT/BSPT | 50-250 PSI | Optional | 86 | 22.2 | 170 | On Request |
| <i>Stocked Items</i> | | | | | | | |
| SF50 | 1/2" BSPT | 862 kPa | Silicone | 86 | 22.2 | 170 | 4012800 |
| SF50 | 1/2" BSPT | 965 kPa | Silicone | 86 | 22.2 | 170 | 4012900 |
| SF50 | 1/2" BSPT | 1034 kPa | Silicone | 86 | 22.2 | 170 | 4013000 |
| SF50 | 1/2" BSPT | 1090 kPa | Silicone | 86 | 22.2 | 170 | 4013100 |
| SF50 | 1/2" BSPT | 1138 kPa | Silicone | 86 | 22.2 | 170 | 4013200 |
| SF50 | 1/2" BSPT | 1200 kPa | Silicone | 86 | 22.2 | 170 | 4013500 |
| SF50 | 1/2" BSPT | 1399 kPa | Silicone | 86 | 22.2 | 170 | 4014000C |
| SF50 | 1/2" BSPT | 1600 kPa | Silicone | 86 | 22.2 | 170 | 4014500 |
| Test Certificate (Optional) | | | | | | | 4014995 |

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