

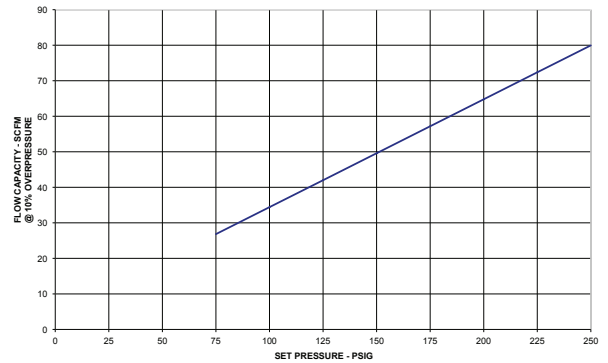


### ASME Safety Valves

#### 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

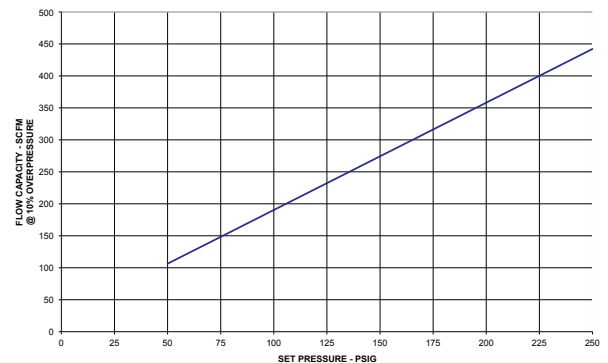


Model	Connection	Set Pressure	Pad Material	Dimensions (mm)		Weight (gms)	Part Number
				Height	Hex		
SP12	1/8" NPT	75-250 PSI	Viton	38	14.3	30	On Request
SP25	1/4" BSPT/NPT	75-250 PSI	Viton	41	14.3	30	On Request
<i>Stocked Items</i>							
SP25	1/4" BSPT	965 kPa	Viton	41	14.3	30	4012510
SP25	1/4" BSPT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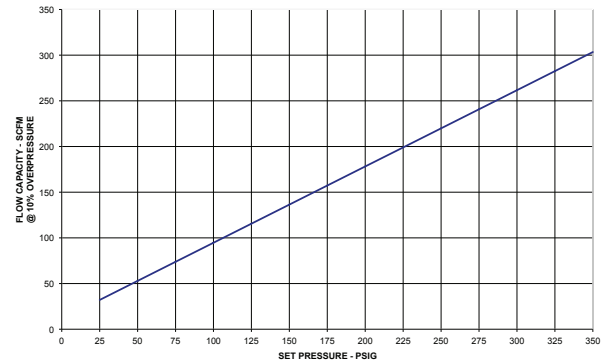


## ASME Safety Valves

### Model ST

- Standard safety valve for small air compressor systems and related applications.
- Compact size.
- High flow capacity.
- Resilient rubber pad (silicone or fluorocarbon) insures valve is bubble-tight to within 10% of set pressure.
- All brass construction with zinc-plated piano wire spring.
- Stamped with "UV" and "NB" symbols.
- Set pressure tolerance  $\pm 3\%$  of set pressure.
- 120°C max. temperature.

Flow Chart

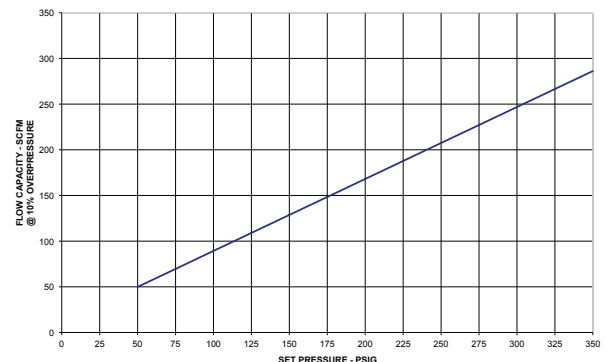


Model	Connection	Set Pressure	Pad Material	Dimensions (mm)		Weight (gms)	Part Number
				Height	Hex		
ST12	1/8" NPT	25-350 PSI	Optional	51	17.5	60	On Request
ST25	1/4" BSPT/NPT	25-350 PSI	Optional	51	17.5	60	On Request
ST38	3/8" NPT	25-350 PSI	Optional	51	17.5	60	On Request
<i>Stocked Items</i>							
ST25	1/4" BSPT	172 kPa	Silicone	51	17.5	60	4010650
ST25	1/4" BSPT	241 kPa	Silicone	51	17.5	60	4010675
ST25	1/4" BSPT	262 kPa	Silicone	51	17.5	60	4012676
ST25	1/4" BSPT	290 kPa	Silicone	51	17.5	60	4012678
ST25	1/4" BSPT	345 kPa	Silicone	51	17.5	60	4010677
ST25	1/4" BSPT	414 kPa	Silicone	51	17.5	60	4010700
ST25	1/4" BSPT	552 kPa	Silicone	51	17.5	60	4010710
ST25	1/4" BSPT	758 kPa	Silicone	51	17.5	60	4010800
ST25	1/4" BSPT	862 kPa	Silicone	51	17.5	60	4010900
ST25	1/4" NPT	862 kPa	Silicone	51	17.5	60	4010950
ST25	1/4" BSPT	965 kPa	Silicone	51	17.5	60	4011000
ST25	1/4" BSPT	1035 kPa	Silicone	51	17.5	60	4012000
ST25	1/4" BSPT	1090 kPa	Silicone	51	17.5	60	4012200C
ST25	1/4" BSPT	1379 kPa	Silicone	51	17.5	60	4012290
Test Certificate (Optional)							4014995

### Model SA

- Designed for high temperature applications such as intercoolers and after-coolers, where a compact size is required.
- All brass construction, stainless steel spring and stainless steel ball seating on brass seat.
- Stamped with "UV" and "NB" symbols.
- Set pressure tolerance  $\pm 3\%$  of set pressure.
- 200°C max. temperature.

Flow Chart



Model	Connection	Set Pressure	Dimensions (mm)		Weight (gms)	Part Number
			Height	Hex		
SA12	1/8" NPT	50-350 PSI	54	17.5	70	On Request
SA25	1/4" NPT	50-350 PSI	54	17.5	70	On Request
SA38	3/8" NPT	50-350 PSI	54	17.5	70	On Request
Test Certificate (Optional)						4014995

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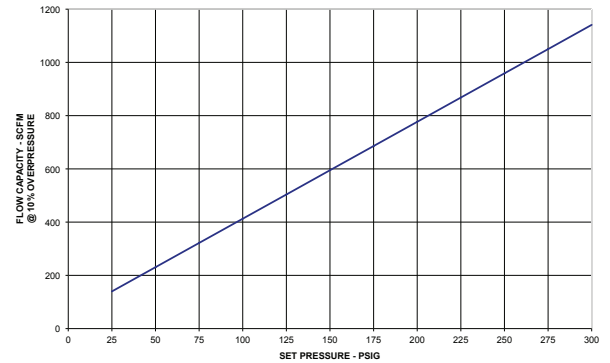


## ASME Safety Valves

### Model SB

- High capacity safety valve.
- Unique O-ring seal insures valve is bubble-tight to within 10% of set pressure.
- All brass construction, stainless steel springs and the O-ring available in silicone or fluorocarbon rubber.
- Set pressure tolerance  $\pm 3\%$  of set pressure.
- 120°C max. temperature.

Flow Chart

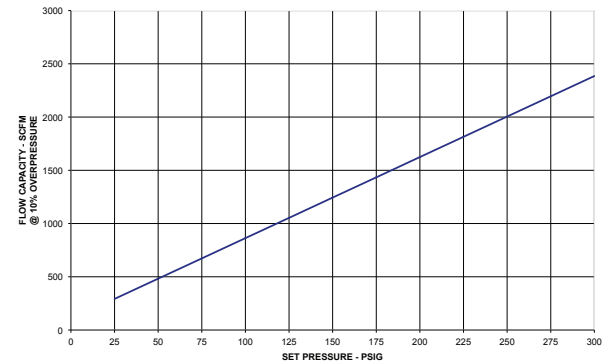


Model	Connection	Set Pressure	Pad Material	Dimensions (mm)		Weight (gms)	Part Number
				Height	Hex		
SB50	1/2" NPT	25-300 PSI	Optional	98	27	285	On Request
SB75	3/4 NPT/BSPT	25-300 PSI	Optional	98	27	285	On Request
<i>Stocked Items</i>							
SB75	3/4" BSPT	846 kPa	Viton O-ring	98	27	285	4014925C
SB75	3/4" BSPT	1034 kPa	Viton O-ring	98	27	285	4014929
SB75	3/4" BSPT	1089 kPa	Viton O-ring	98	27	285	4014928
SB75	3/4" BSPT	1138 kPa	Viton O-ring	98	27	285	4014930
SB75	3/4" BSPT	1399 kPa	Viton O-ring	98	27	285	4014932C
SB75	3/4" BSPT	1448 kPa	Viton O-ring	98	27	285	4014934C
SB75	3/4" BSPT	1600 kPa	Viton O-ring	98	27	285	4014933
Test Certificate (Optional)							4014995

### Model SW

- Highest capacity safety valve.
- Unique O-Ring seal insures valve is bubble-tight to within 10% of set pressure.
- All brass construction, stainless steel springs and the O-Ring seal available in silicone or fluorocarbon rubber.
- 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		
SW10	1" NPT/BSPT	25-300 PSI	Optional	123	41.5	790	On Request
SW12	1-1/4" NPT/BSPT	25-300 PSI	Optional	123	41.5	900	On Request
<i>Stocked Items</i>							
SW10	1" BSPT	848 kPa	Viton O-ring	123	41.5	790	4014946C
SW10	1" BSPT	965 kPa	Viton O-ring	123	41.5	790	4014948
SW10	1" NPT	965 kPa	Viton O-ring	123	41.5	790	4014947
SW10	1" BSPT	1034 kPa	Viton O-ring	123	41.5	790	4014949
SW10	1" BSPT	1089 kPa	Viton O-ring	123	41.5	790	4014962
SW10	1" BSPT	1399 kPa	Viton O-ring	123	41.5	790	4014964
SW12	1-1/4" BSPT	820 kPa	Viton O-ring	123	41.5	900	4014965
SW12	1-1/4" NPT	1103 kPa	Viton O-ring	123	41.5	900	4014968
Test Certificate (Optional)							4014995

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