

SEWON

PRESSURE / VACUUM RELIEF VALVE with FLAME ARRESTER



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END-OF-LINE TYPE

SBF+SFG
SBG+SFG

IN-LINE TYPE

SBB+SFG
SBD+SFG

MODEL SBF+SFG SBB+SFG

SEWON PRESSURE / VACUUM RELIEF VALVE with FLAME ARRESTER

NOMINAL SIZE	CONNECTIONS
<ul style="list-style-type: none"> • 2", 3", 4", 6", 8", 10", and 12" • Available Customized Design 	<ul style="list-style-type: none"> • ANSI/ASME B16.5 Class 150 Flange • KS/JIS 10K Flange

COMBINATION PRESSURE / VACUUM RELIEF VALVE AND FLAME ARRESTER

PROTECT STORAGE TANK FROM OVERPRESSURE OR EXCESSIVE VACUUM, AND POTENTIAL IGNITION SOURCE

AIR-CUSHION PALLET REDUCES THE INTERNAL VAPOR LEAKAGE

TEFLON® SEAT DIAPHRAGMS ARE STANDARD TO MINIMIZE STICKING CAUSED BY RESINOUS VAPORS AND ATMOSPHERIC MOISTURE

CRIMPED RIBBON FLAME ELEMENTS

DRILLING CONFORMING TO ANSI/ASME B16.5 FOR CLASS 150 FLANGES, OR KS/JIS 10K FLANGES. OTHER STANDARDS ARE AVAILABLE ON CUSTOMER'S REQUEST

*CONSULT OUR FACTORY FOR SPECIAL APPLICATION OR SPECIAL DESIGN.



[Model SBB+SFG]

SPECIFICATIONS >>>>>>

INSTALLATION	VERTICAL
MODEL SBF+SFG	END-OF-LINE, VENTED TO THE ATMOSPHERE DIRECTLY
MODEL SBB+SFG	IN-LINE, A FLANGED SIDE CONNECTION IS PROVIDED FOR PIPE AWAY OF VAPORS
FLAME ARRESTER CLASSIFICATION	DEFLAGRATION FLAME ARRESTER, BI-DIRECTIONAL
SET PRESSURE / SET VACUUM	20mmH2O TO 700 mmH2O (STANDARD SPECIFICATION)
EXPLOSION GAS GROUP	IIA (STANDARD), IIB / IIC (FOR SPECIAL APPLICATION)

*OTHER SPECIFICATIONS ARE AVAILABLE. CONSULT OUR FACTORY.

..... MATERIALS

PART NAME	MATERIALS	
	STANDARD	OPTIONAL
BODY	CARBON STEEL	304 S.S, 316 S.S, ALUMINUM
FLAME ELEMENT	316L S.S	HASTELLOY®, ALLOY20
ELEMENT HOUSING	304 S.S	316 S.S
STUD BOLT AND NUT	304 S.S	316 S.S
PALLET	304 S.S	316 S.S
SEAT	304 S.S	316 S.S
SEATING DIAPHRAGM	TEFLON® (DIAPHRAGM SEAL)	NBR, VITON® (O-RING SEAL)
HOOD (MODEL SBF)	304 S.S	316 S.S

*Other Special materials such as Hastelloy® B/C are available upon customer's request.

MODEL SBG+SFG SBD+SFG

SEWON PRESSURE RELIEF VALVE with FLAME ARRESTER

NOMINAL SIZE	CONNECTIONS
<ul style="list-style-type: none"> • 2", 3", 4", 6", 8", 10", and 12" 	<ul style="list-style-type: none"> • ANSI/ASME B16.5 Class 150 Flange • KS/JIS 10K Flange

COMBINATION PRESSURE RELIEF VALVE AND FLAME ARRESTER

PROTECT STORAGE TANK FROM OVERPRESSURE AND POTENTIAL IGNITION SOURCE

AIR-CUSHION PALLET REDUCES THE INTERNAL VAPOR LEAKAGE

TEFLON® SEATING DIAPHRAGMS ARE STANDARD

CRIMPED RIBBON FLAME ELEMENTS

DRILLING CONFORMING TO ANSI/ASME B16.5 FOR CLASS 150 FLANGES, OR KS/JIS 10K FLANGES. OTHER STANDARDS ARE AVAILABLE ON CUSTOMER'S REQUEST

*CONSULT OUR FACTORY FOR SPECIAL APPLICATION OR SPECIAL DESIGN.



[Model SBG+SFG]

SPECIFICATIONS >>>>>>

INSTALLATION	VERTICAL
MODEL SBG+SFG	END-OF-LINE, VENTED TO THE ATMOSPHERE DIRECTLY
MODEL SBD+SFG	IN-LINE, A FLANGED SIDE CONNECTION IS PROVIDED FOR PIPE AWAY OF VAPORS
FLAME ARRESTER CLASSIFICATION	DEFLAGRATION FLAME ARRESTER, BI-DIRECTIONAL
SET PRESSURE / SET VACUUM	20mmH2O TO 700 mmH2O (STANDARD SPECIFICATION)
EXPLOSION GAS GROUP	IIA (STANDARD), IIB / IIC (FOR SPECIAL APPLICATION)

*OTHER SPECIFICATIONS ARE AVAILABLE. CONSULT OUR FACTORY.

..... MATERIALS

PART NAME	MATERIALS	
	STANDARD	OPTIONAL
BODY	CARBON STEEL	304 S.S, 316 S.S, ALUMINUM
FLAME ELEMENT	316L S.S	HASTELLOY®, ALLOY20
ELEMENT HOUSING	304 S.S	316 S.S
STUD BOLT AND NUT	304 S.S	316 S.S
PALLET	304 S.S	316 S.S
SEAT	304 S.S	316 S.S
SEATING DIAPHRAGM	TEFLON® (DIAPHRAGM SEAL)	NBR, VITON® (O-RING SEAL)
HOOD (MODEL SBG)	304 S.S	316 S.S

*Other Special materials such as Hastelloy® B/C are available upon customer's request.

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Viton® is registered trademark of DuPont Dow Elastomers.
Hastelloy® is the registered trademark of Haynes International, Inc.

VALVE CAPACITY & SIZING SBF+SFG / SBG+SFG

MODEL SBF+SFG / SBG+SFG

|| END-OF-LINE PRESSURE RELIEF VALVE WITH FLAME ARRESTER ||

Set Pressure		Air Flow Rates at 100% overpressure (Double of Set Pressure) in 1,000 Nm ³ /h						
mmH ₂ O	mbar	2"	3"	4"	6"	8"	10"	12"
22	2.2	0.095	0.189	0.347	0.594	0.964	1.531	1.787
25	2.5	0.101	0.203	0.374	0.646	1.047	1.660	1.965
50	4.9	0.146	0.311	0.578	1.029	1.660	2.614	3.258
75	7.4	0.184	0.401	0.749	1.342	2.160	3.398	4.294
100	9.8	0.218	0.479	0.895	1.606	2.582	4.063	5.159
125	12	0.247	0.548	1.023	1.836	2.950	4.642	5.908
150	15	0.275	0.609	1.137	2.041	3.278	5.160	6.578
175	17	0.299	0.665	1.242	2.229	3.579	5.633	7.190
200	20	0.322	0.717	1.339	2.404	3.858	6.072	7.761
225	22	0.344	0.766	1.430	2.568	4.121	6.485	8.301
250	25	0.365	0.812	1.517	2.725	4.371	6.878	8.816
275	27	0.384	0.857	1.599	2.876	4.611	7.254	9.309
300	29	0.403	0.899	1.678	3.021	4.842	7.615	9.785
325	32	0.421	0.940	1.755	3.162	5.066	7.965	10.246
350	34	0.438	0.980	1.829	3.298	5.283	8.304	10.692
375	37	0.455	1.019	1.901	3.430	5.494	8.634	11.124
400	39	0.472	1.056	1.972	3.559	5.699	8.954	11.545
450	44	0.503	1.128	2.107	3.807	6.094	9.570	12.350
500	49	0.534	1.197	2.236	4.042	6.469	10.156	13.110
550	54	0.562	1.263	2.359	4.265	6.826	10.713	13.830
600	59	0.590	1.325	2.476	4.477	7.165	11.243	14.511
700	69	0.641	1.442	2.696	4.872	7.797	12.230	15.764

Notes

- 1) Flow rates listed in above Table are based on full open valves at 100% overpressure.
- 2) If the set pressure is not listed above Table, use liner interpolation.
- 3) If the overpressure is less than 100%, calculate the flow rates using the Factor "C".

|| Example of Flow Rate Calculation ||

Model SBF+SFG 10"

Set pressure (P_{set}) = 150mmH₂O (15mbar)
 Valve inlet pressure (P_m)= 250 mmH₂O

1. Calculate overpressure

$$\text{Overpressure} = \frac{P_m - P_{set}}{P_{set}} \times 100 = 67 (\%)$$

2. Determine Factor C from right Table.
 C = 0.82

3. Read flow rate at 100% overpressure corresponding specified set pressure. The flow rate is 5,160Nm³/h from above Table.

4. Calculate flow rate at specified inlet pressure
 Flow rate at 250mmH₂O = 0.82 x 5,160 = 4,231Nm³/h

Factor C for less than 100% over-pressure										
%	0	1	2	3	4	5	6	7	8	9
10	0.40	0.42	0.43	0.45	0.46	0.47	0.48	0.49	0.50	0.51
20	0.52	0.53	0.53	0.54	0.55	0.56	0.56	0.57	0.58	0.58
30	0.59	0.60	0.60	0.61	0.62	0.62	0.63	0.64	0.64	0.65
40	0.66	0.66	0.67	0.67	0.68	0.69	0.69	0.70	0.70	0.71
50	0.72	0.72	0.73	0.73	0.74	0.75	0.75	0.76	0.76	0.77
60	0.78	0.78	0.79	0.79	0.80	0.80	0.81	0.82	0.82	0.83
70	0.83	0.84	0.84	0.85	0.86	0.86	0.87	0.87	0.88	0.88
80	0.89	0.89	0.90	0.90	0.91	0.91	0.92	0.93	0.93	0.94
90	0.94	0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99

(NOTE) THE VALUES LISTED ABOVE RANGE FROM 10% TO 40% ARE FOR REFERENCE.

*The flow rates are based on the Sewon Standard Model. For special application to achieve better flow rate performance, please consult to factory.

VALVE CAPACITY & SIZING

SBF+SFG

MODEL SBF+SFG

|| END-OF-LINE VACUUM RELIEF VALVE WITH FLAME ARRESTER ||

Set Vacuum		Air Flow Rates at 100% negative overpressure (Double of Set Pressure) in 1,000 Nm ³ /h						
mmH ₂ O	mbar	2"	3"	4"	6"	8"	10"	12"
-22	-2.2	0.075	0.156	0.279	0.480	0.779	1.192	1.501
-25	-2.5	0.080	0.169	0.299	0.518	0.837	1.283	1.627
-50	-4.9	0.119	0.260	0.446	0.795	1.267	1.950	2.560
-75	-7.4	0.150	0.333	0.568	1.022	1.624	2.497	3.330
-100	-9.8	0.177	0.395	0.673	1.214	1.930	2.962	3.985
-125	-12	0.200	0.449	0.765	1.381	2.198	3.369	4.555
-150	-15	0.221	0.497	0.848	1.531	2.438	3.734	5.065
-175	-17	0.240	0.541	0.924	1.668	2.659	4.069	5.529
-200	-20	0.258	0.582	0.995	1.796	2.864	4.382	5.959
-225	-22	0.275	0.621	1.062	1.917	3.056	4.677	6.363
-250	-25	0.291	0.658	1.126	2.033	3.240	4.959	6.747
-275	-27	0.306	0.694	1.187	2.144	3.416	5.229	7.114
-300	-29	0.321	0.728	1.246	2.251	3.585	5.489	7.468
-325	-32	0.336	0.762	1.303	2.354	3.749	5.741	7.811
-350	-34	0.350	0.794	1.359	2.454	3.908	5.985	8.144
-375	-37	0.364	0.826	1.413	2.552	4.062	6.222	8.468
-400	-39	0.377	0.856	1.465	2.647	4.212	6.452	8.784
-450	-44	0.403	0.915	1.566	2.830	4.501	6.894	9.394
-500	-49	0.429	0.972	1.662	3.003	4.777	7.313	9.978
-550	-54	0.453	1.025	1.753	3.168	5.039	7.709	10.537
-600	-59	0.476	1.077	1.840	3.325	5.289	8.086	11.073
-700	-69	0.520	1.172	2.001	3.615	5.756	8.782	12.081

Notes

- 1) Flow rates listed in above Table are based on full open valves at 100% negative overpressure.
- 2) If the set vacuum is not listed above Table, use liner interpolation.
- 3) If the negative overpressure is less than 100%, calculate the flow rates using the Factor "C".

|| Example of Flow Rate Calculation ||

Model SBF + SFG 4"

Set vacuum (P_{set}) = -200mmH₂O (-20mbar)
 Valve inlet pressure (P_{in}) = -330mmH₂O

1. Calculate overpressure

$$\text{Overpressure} = \frac{P_{in} - P_{set}}{P_{set}} \times 100 = -65 (\%)$$

2. Determine Factor C from right Table.
 C = 0.80

3. Read flow rate at 100% negative overpressure corresponding specified set vacuum. The flow rate is 2,864Nm³/h from above Table.

4. Calculate flow rate at specified inlet pressure
 Flow rate at -330mmH₂O = 0.80 x 2,864 = 2,291Nm³/h

Factor C for less than 100% negative over-pressure										
%	0	1	2	3	4	5	6	7	8	9
10	0.40	0.42	0.43	0.45	0.46	0.47	0.48	0.49	0.50	0.51
20	0.52	0.53	0.53	0.54	0.55	0.56	0.56	0.57	0.58	0.58
30	0.59	0.60	0.60	0.61	0.62	0.62	0.63	0.64	0.64	0.65
40	0.66	0.66	0.67	0.67	0.68	0.69	0.69	0.70	0.70	0.71
50	0.72	0.72	0.73	0.73	0.74	0.75	0.75	0.76	0.76	0.77
60	0.78	0.78	0.79	0.79	0.80	0.80	0.81	0.82	0.82	0.83
70	0.83	0.84	0.84	0.85	0.86	0.86	0.87	0.87	0.88	0.88
80	0.89	0.89	0.90	0.90	0.91	0.91	0.92	0.93	0.93	0.94
90	0.94	0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99

NOTE) THE VALUES LISTED ABOVE RANGE FROM 10% TO 40% ARE FOR REFERENCE.

*The flow rates are based on the Sewon Standard Model. For special application to achieve better flow rate performance, please consult to factory.

VALVE CAPACITY & SIZING

SBB+SFG / SBD+SFG

MODEL SBB+SFG / SBD+SFG

|| IN-LINE PRESSURE RELIEF VALVE WITH FLAME ARRESTER ||

Set Pressure		Air Flow Rates at 100% overpressure (Double of Set Vacuum) in 1,000 Nm ³ /h						
mmH ₂ O	mbar	2"	3"	4"	6"	8"	10"	12"
22	2.2	0.085	0.178	0.333	0.575	0.890	1.418	1.686
25	2.5	0.092	0.193	0.359	0.622	0.963	1.534	1.847
50	4.9	0.140	0.299	0.555	0.975	1.504	2.391	3.021
75	7.4	0.179	0.385	0.717	1.266	1.948	3.096	3.971
100	9.8	0.212	0.457	0.855	1.514	2.324	3.694	4.767
125	12	0.241	0.520	0.975	1.730	2.652	4.216	5.458
150	15	0.267	0.577	1.083	1.923	2.946	4.684	6.074
175	17	0.291	0.629	1.183	2.100	3.214	5.111	6.636
200	20	0.314	0.677	1.275	2.264	3.464	5.508	7.159
225	22	0.335	0.723	1.362	2.419	3.698	5.883	7.653
250	25	0.355	0.767	1.445	2.566	3.922	6.239	8.123
275	27	0.374	0.810	1.525	2.707	4.136	6.580	8.574
300	29	0.393	0.850	1.602	2.843	4.343	6.908	9.009
325	32	0.410	0.890	1.676	2.974	4.542	7.225	9.430
350	34	0.428	0.928	1.748	3.101	4.736	7.533	9.839
375	37	0.445	0.965	1.818	3.224	4.924	7.832	10.237
400	39	0.461	1.001	1.885	3.345	5.108	8.122	10.624
450	44	0.493	1.070	2.016	3.576	5.460	8.679	11.369
500	49	0.523	1.136	2.140	3.796	5.796	9.208	12.078
550	54	0.552	1.197	2.257	4.006	6.116	9.711	12.752
600	59	0.580	1.255	2.369	4.206	6.420	10.189	13.394
700	69	0.631	1.362	2.576	4.578	6.988	11.075	14.588

Notes

- 1) Flow rates listed in above Table are based on full open valves at 100% overpressure.
- 2) If the set pressure is not listed above Table, use liner interpolation.
- 3) If the overpressure is less than 100%, calculate the flow rates using the Factor "C".

|| Example of Flow Rate Calculation ||

Model SBB+SFG 4"

Set pressure (P_{set}) = 150mmH₂O (15mbar)
 Valve inlet pressure (P_{in}) = 230mmH₂O

1. Calculate overpressure

$$\text{Overpressure} = \frac{P_{in} - P_{set}}{P_{set}} \times 100 = 53 (\%)$$

2. Determine Factor C from right Table.
 C = 0.73

3. Read flow rate at 100% overpressure corresponding specified set pressure. The flow rate is 1,083Nm³/h from above Table.

4. Calculate flow rate at specified inlet pressure
 Flow rate at 230mmH₂O = 0.73 x 1,083 = 791Nm³/h

Factor C for less than 100% over-pressure										
%	0	1	2	3	4	5	6	7	8	9
10	0.40	0.42	0.43	0.45	0.46	0.47	0.48	0.49	0.50	0.51
20	0.52	0.53	0.53	0.54	0.55	0.56	0.56	0.57	0.58	0.58
30	0.59	0.60	0.60	0.61	0.62	0.62	0.63	0.64	0.64	0.65
40	0.66	0.66	0.67	0.67	0.68	0.69	0.69	0.70	0.70	0.71
50	0.72	0.72	0.73	0.73	0.74	0.75	0.75	0.76	0.76	0.77
60	0.78	0.78	0.79	0.79	0.80	0.80	0.81	0.82	0.82	0.83
70	0.83	0.84	0.84	0.85	0.86	0.86	0.87	0.87	0.88	0.88
80	0.89	0.89	0.90	0.90	0.91	0.91	0.92	0.93	0.93	0.94
90	0.94	0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99

(NOTE) THE VALUES LISTED ABOVE RANGE FROM 10% TO 40% ARE FOR REFERENCE.

**The flow rates are based on the Sewon Standard Model. For special application to achieve better flow rate performance, please consult to factory.*

VALVE CAPACITY & SIZING

SBB+SFG

MODEL SBB+SFG

|| IN-LINE VACUUM RELIEF VALVE WITH FLAME ARRESTER ||

Set Vacuum		Air Flow Rates at 100% negative overpressure (Double of Set Pressure) in 1,000 Nm ³ /h						
mmH ₂ O	mbar	2"	3"	4"	6"	8"	10"	12"
-22	-2.2	0.075	0.156	0.279	0.480	0.779	1.192	1.501
-25	-2.5	0.080	0.169	0.299	0.518	0.837	1.283	1.627
-50	-4.9	0.119	0.260	0.446	0.795	1.267	1.950	2.560
-75	-7.4	0.150	0.333	0.568	1.022	1.624	2.497	3.330
-100	-9.8	0.177	0.395	0.673	1.214	1.930	2.962	3.985
-125	-12	0.200	0.449	0.765	1.381	2.198	3.369	4.555
-150	-15	0.221	0.497	0.848	1.531	2.438	3.734	5.065
-175	-17	0.240	0.541	0.924	1.668	2.659	4.069	5.529
-200	-20	0.258	0.582	0.995	1.796	2.864	4.382	5.959
-225	-22	0.275	0.621	1.062	1.917	3.056	4.677	6.363
-250	-25	0.291	0.658	1.126	2.033	3.240	4.959	6.747
-275	-27	0.306	0.694	1.187	2.144	3.416	5.229	7.114
-300	-29	0.321	0.728	1.246	2.251	3.585	5.489	7.468
-325	-32	0.336	0.762	1.303	2.354	3.749	5.741	7.811
-350	-34	0.350	0.794	1.359	2.454	3.908	5.985	8.144
-375	-37	0.364	0.826	1.413	2.552	4.062	6.222	8.468
-400	-39	0.377	0.856	1.465	2.647	4.212	6.452	8.784
-450	-44	0.403	0.915	1.566	2.830	4.501	6.894	9.394
-500	-49	0.429	0.972	1.662	3.003	4.777	7.313	9.978
-550	-54	0.453	1.025	1.753	3.168	5.039	7.709	10.537
-600	-59	0.476	1.077	1.840	3.325	5.289	8.086	11.073
-700	-69	0.520	1.172	2.001	3.615	5.756	8.782	12.081

Notes

- 1) Flow rates listed in above Table are based on full open valves at 100% negative overpressure.
- 2) If the set vacuum is not listed above Table, use liner interpolation.
- 3) If the negative overpressure is less than 100%, calculate the flow rates using the Factor "C".

|| Example of Flow Rate Calculation ||

Model SBB+SFG, 8"

Set vacuum (P_{set}) = -25mmH₂O (-2.5mbar)
 Valve inlet pressure (P_{in}) = -40mmH₂O

1. Calculate overpressure

$$\text{Overpressure} = \frac{P_{in} - P_{set}}{P_{set}} \times 100 = -60 (\%)$$

2. Determine Factor C from right Table.
 C = 0.78

3. Read flow rate at 100% negative overpressure corresponding specified set vacuum. The flow rate is 837Nm³/h from above Table.

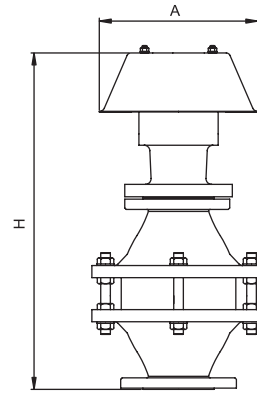
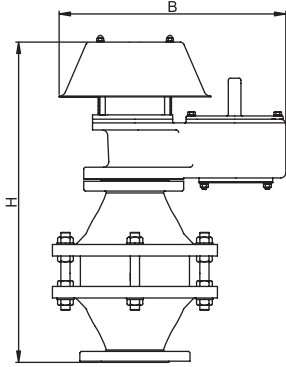
4. Calculate flow rate at specified inlet pressure
 Flow rate at -40mmH₂O = 0.78 x 837 = 653Nm³/h

Factor C for less than 100% negative over-pressure										
%	0	1	2	3	4	5	6	7	8	9
10	0.40	0.42	0.43	0.45	0.46	0.47	0.48	0.49	0.50	0.51
20	0.52	0.53	0.53	0.54	0.55	0.56	0.56	0.57	0.58	0.58
30	0.59	0.60	0.60	0.61	0.62	0.62	0.63	0.64	0.64	0.65
40	0.66	0.66	0.67	0.67	0.68	0.69	0.69	0.70	0.70	0.71
50	0.72	0.72	0.73	0.73	0.74	0.75	0.75	0.76	0.76	0.77
60	0.78	0.78	0.79	0.79	0.80	0.80	0.81	0.82	0.82	0.83
70	0.83	0.84	0.84	0.85	0.86	0.86	0.87	0.87	0.88	0.88
80	0.89	0.89	0.90	0.90	0.91	0.91	0.92	0.93	0.93	0.94
90	0.94	0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99

NOTE) THE VALUES LISTED ABOVE RANGE FROM 10% TO 40% ARE FOR REFERENCE.

*The flow rates are based on the Sewon Standard Model. For special application to achieve better flow rate performance, please consult to factory.

DIMENSIONS

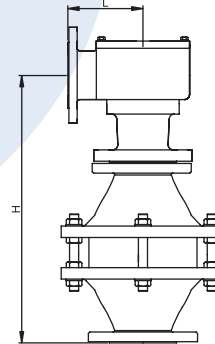
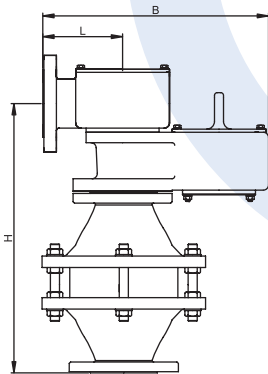


MODEL SBF+SFG

Size (inch)	H (mm)	B (mm)
2"	495	320
3"	545	400
4"	580	450
6"	680	590
8"	740	690
10"	765	800
12"	845	930

MODEL SBG+SFG

Size (inch)	H (mm)	A (mm)
2"	495	200
3"	545	270
4"	580	280
6"	680	345
8"	740	400
10"	765	400
12"	845	500



MODEL SBB+SFG







Size (inch)	H (mm)	L (mm)	B (mm)
2"	435	115	340
3"	485	145	415
4"	500	180	495
6"	610	215	605
8"	675	300	775
10"	725	300	860
12"	810	360	1030

MODEL SBD+SFG

Size (inch)	H (mm)	L (mm)
2"	435	115
3"	485	145
4"	500	180
6"	610	215
8"	675	300
10"	725	300
12"	810	360

Actual dimensions may vary from these listed dimensions due to variations or revisions of specifications. The dimensions may change without notice. For more information, consult our factory.

HOW TO ORDER

MODEL	TYPE	INLET SIZE	MATERIALS	FLANGE DRILLING	OPTION
 ↓ SBF+SFG SBG+SFG SBB+SFG SBD+SFG	 ↓ W: Weight loaded for P/V sides S: Spring loaded for pressure side N: Spring loaded for vacuum side D: Spring loaded for P/V sides (Dual spring loaded)	 ↓ 02: 2" 03: 3" 04: 4" 06: 6" 08: 8" 10: 10" 12: 12" SS: Special	 ↓ ↓ ↓ Pallet Seat Body C: Carbon Steel 4: 304 S.S 5: 304L S.S 6: 316 S.S 7: 316L S.S A: Aluminum S: Special Material	 ↓ AR: ANSI Class 150 RF AF: ANSI Class 150 FF KR: KS/JIS 10K RF KF: KS/JIS 10K FF NO: No Drilling SS: Special	 ↓ 0: No Option J: Steam Jacket S: Special

EXAMPLE

SBF+SFG-W-03-C44-AR-0

means a 3" model SBF+SFG, weight loaded type for pressure & vacuum sides, with carbon steel body, 304 SS seat, 304 SS pallet, ANSI Class 150 RF flange drilling and no other option.

NOTE



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