

FOAM SYSTEM ACCESSORY VALVES

HARDWARE



SWING CHECK VALVE

Features

Metal-to-metal seal

Stainless steel body

Female threaded end connections

Description

The SOLBERG® Swing Check Valve has a stainless steel disc for the internal movable part, which is on a hinge to block reverse flow.

Swing Check Valves are available for use with most bladder tank foam systems. All valves are of stainless steel construction and have NPT connections with a maximum working pressure of 200 psi (14 bar). The Swing Check Valve prevents foam-water solution from draining through the existing fire sprinkler riser from a remote location, eliminating the need for personnel to go near or access concentrate piping and the foam tank assembly.



Ordering Information

SWING CHECK VALVE PART NO.	DESCRIPTION	FACE TO FACE VALVE LENGTH		APPROXIMATE SHIPPING WEIGHT	
		in	mm	lb	kg
30400	Swing Check Valve, Stainless Steel, 1.0" NPT	3.54	89.91	1	0.5
30401	Swing Check Valve, Stainless Steel, 1.25" NPT	4.13	104.90	2	1
30402	Swing Check Valve, Stainless Steel, 1.5" NPT	4.72	119.88	3	1.5
30403	Swing Check Valve, Stainless Steel, 2.0" NPT	5.51	139.95	5	2
30404	Swing Check Valve, Stainless Steel, 2.5" NPT	6.08	154.43	9	4
30405	Swing Check Valve, Stainless Steel, 3.0" NPT	7.29	185.16	12	5

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WATER INLET & CONCENTRATE ISOLATION BALL VALVES

Features

Works with all SOLBERG foam concentrates

Corrosion resistant material construction

Easily identifiable open and closed positions

Description

Solberg offers Water Inlet and Concentrate Isolation Control Ball Valves for use with SOLBERG foam systems hardware. Both style valves are of stainless steel construction, RTFE seats, PTFE seals and NPT threaded connections. Water Inlet and Concentrate Isolation Control Ball Valves are supplied with nameplate, ring pin and chain to allow the valve to be visually monitored in an open or closed position.



Ordering Information

PART NO.	DESCRIPTION	FACE TO FACE VALVE LENGTH		APPROXIMATE SHIPPING WEIGHT	
		in	mm	lb	kg
30410	Water Inlet Ball Valve, Stainless Steel, Threaded, 1.0", NPT	3.26	82.80	1	.5
30411	Water Inlet Ball Valve, Stainless Steel, Threaded, 1.25", NPT	3.82	97.02	1	.5
30412	Water Inlet Ball Valve, Stainless Steel, Threaded, 1.5", NPT	4.29	108.96	5	2
30413	Water Inlet Ball Valve, Stainless Steel, Threaded, 2.0", NPT	5.08	129.03	8	4
30414	Water Inlet Ball Valve, Stainless Steel, Threaded, 2.5", NPT	6.56	166.62	16	7
30415	Water Inlet Ball Valve, Stainless Steel, Threaded, 3.0", NPT	7.56	192.02	23	10
30420	Concentrate Isolation Ball Valve, Stainless Steel, Threaded, 1.0", NPT	3.26	82.80	1	.5
30421	Concentrate Isolation Ball Valve, Stainless Steel, Threaded, 1.25", NPT	3.82	97.02	1	.5
30422	Concentrate Isolation Ball Valve, Stainless Steel, Threaded, 1.5", NPT	4.29	108.96	5	2
30423	Concentrate Isolation Ball Valve, Stainless Steel, Threaded, 2.0", NPT	5.08	129.03	8	4
30424	Concentrate Isolation Ball Valve, Stainless Steel, Threaded, 2.5", NPT	6.56	166.62	16	7
30425	Concentrate Isolation Ball Valve, Stainless Steel, Threaded, 3.0", NPT	7.56	192.02	23	10

PRESSURE REDUCING VALVE

Features

Rugged brass body

Stainless steel stem and spring

Oversized orifice

Standard 0.125 in (3mm) gauge port (plugged)

Slotted and knurled heavy duty adjusting screw

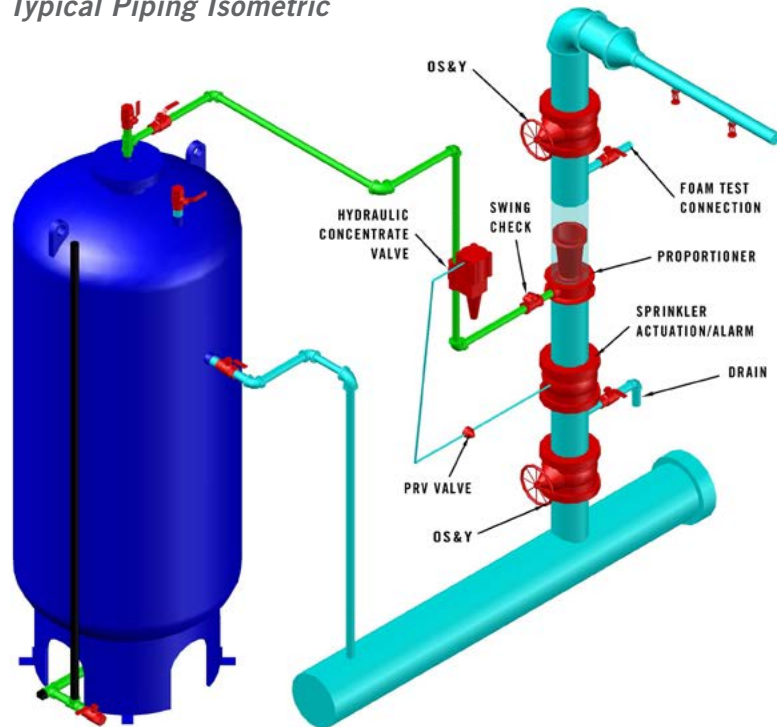
Description

The SOLBERG® mini Pressure Reducing Valve (PRV) is designed to reduce incoming water pressure to a sensible level to protect foam system components. The PRV is constructed with a brass body, stainless steel stem and spring, Buna-N seats and diaphragm.

The maximum working pressure is 300 psi (21 bar) with a temperature range of 33°F - 140°F (0.5°C - 60°C). The PRV is placed in the sensing line between the hydraulic concentrate ball valve and the sprinkler actuating valve (alarm check, deluge, etc.) when the system water pressure will meet or exceed 160 psi (11 bar).



Typical Piping Isometric



Ordering Information

PRESSURE REDUCING VALVE

PART NO.	DESCRIPTION
30360	Pressure Reducing Valve, 0.25"

APPROXIMATE SHIPPING WEIGHT

oz	kg
5	0.14





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AMERICAS

THE SOLBERG COMPANY
1520 Brookfield Avenue
Green Bay, WI 54313
USA
Tel: +1 920 593 9445

EMEA

SOLBERG SCANDINAVIAN AS
Radøyvegen 721 - Olsvollstranda
N-5938 Sæbøvågen
Norway
Tel: +47 56 34 97 00

ASIA-PACIFIC

SOLBERG ASIA PACIFIC PTY LTD
3 Charles Street
St. Marys NSW 2760
Australia
Tel: +61 2 9673 5300