

SHOTGUN SWING CHECK VALVE, GROOVED-END



DESCRIPTION

Style CVG01-SR is a Swing Check Valve provided by Triflo™ is a vertical installed non-return valve in a "Shotgun" arrangement. With trim unit, the check valve utilizes an electric flow switch and alarm bell instead of a water motor gong for fire notification. Valve body is the same as style CVG-01, easy to adapt on job field.

PRODUCT FEATURES

- Rated working pressure 365psi/25bars by UL/cUL listing and FM approval.
- One design with regular swing check valve style CVG-01.
- Drains can be optionally provided both upstream and downstream of the clapper.
- Innovative hydro-dynamically efficient profile lowers pressure drop.
- Sealing achieved by a low head pressure of 0.15bar/2psi.
- All wetted parts made by anti-corrosion material to provide superior service time.
- Grooved end conforming to AWWA C606 for easy installation and maintenance.
- Thread hole at PT position can be customized, available sizes refer to table below.

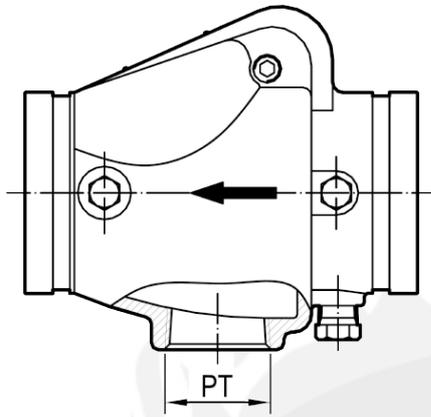
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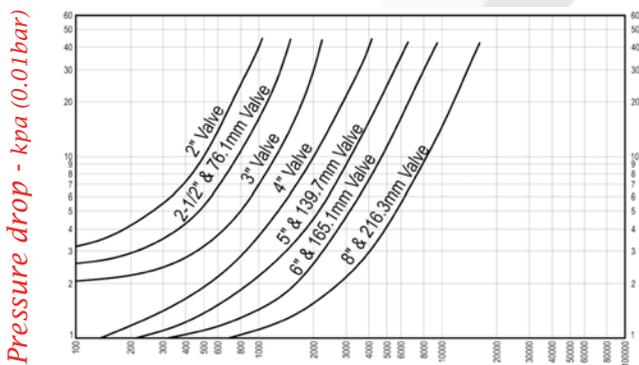
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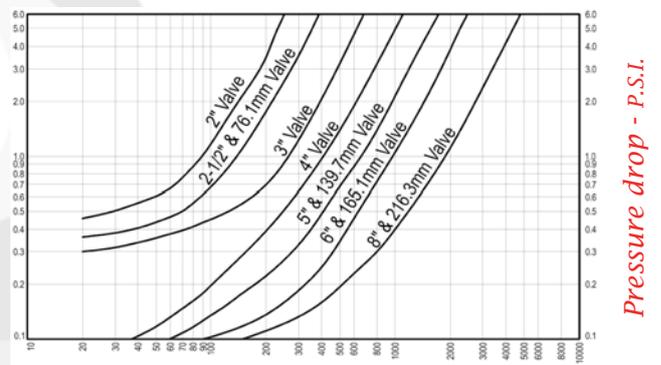
Product code	Nominal Size		OD mm	PT standard thread size	PT Optional thread size*
	"	DN			
CVG01-SR-60	2"	50	60.3	1"	1/4", 1/2", 3/4"
CVG01-SR-73	2 1/2"	65	73.0	1 1/4"	1/4", 1/2", 3/4", 1", 1 1/2"
CVG01-SR-76	3" OD	65	76.1	1 1/4"	1/4", 1/2", 3/4", 1", 1 1/2"
CVG01-SR-89	3"	80	88.9	1 1/4"	1/4", 1/2", 3/4", 1", 1 1/2"
CVG01-SR-114	4"	100	114.3	2"	1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2"
CVG01-SR-140	5 1/2" OD	125	139.7	2"	1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2"
CVG01-SR-141	5"	125	141.3	2"	1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2"
CVG01-SR-165	6 1/2" OD	150	165.1	2"	1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2 1/2"
CVG01-SR-168	6"	150	168.3	2"	1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2 1/2"
CVG01-SR-216	JIS 8"	200A	216.3	2"	1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2 1/2", 3"
CVG01-SR-219	8"	200	219.1	2"	1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2 1/2", 3"

*PT thread hole size has to be specified by ordering, BSPT or NPT etc. If non-standard thread, please contact Triflo™ sales engineer.

THE CHART BELOW EXPRESSES THE FLOW OF WATER AT 16°C /60°F THROUGH VALVE



Flow rate - litres/min (0.06 m³/h).



Flow rate - G.P.M.

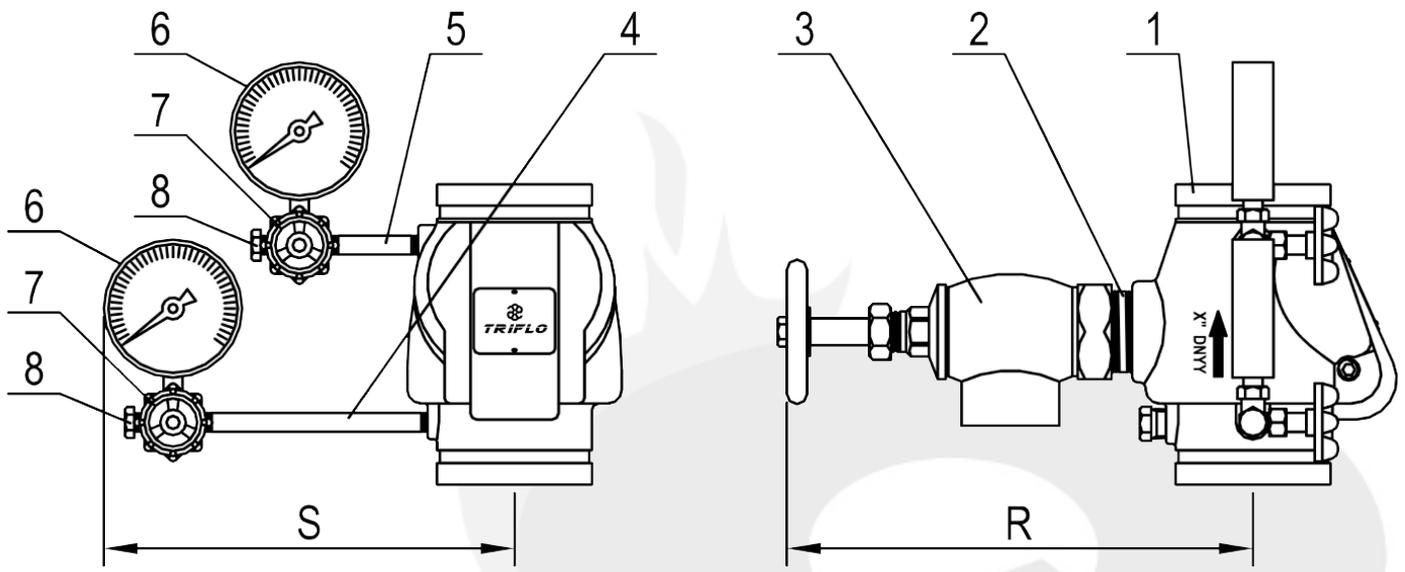
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Nominal Size		OD		S		R		1	2	3	4	5	6	7	8
"	DN	mm	"	mm	"	mm	"	Pipe O.D.	Close Nipple	Angle valve	1/4" nipple	1/4" nipple	Water gauge	3 way valve	Plug
2"	50	60.3	2.375	222	8.75	254	10	60	1"	1"	140mm 5 1/2"	38 mm 1 1/2"	1/4"	1/4"	1/4"
2 1/2"	65	73.0	2.875	235	9.25	280	11	73	1 1/4"	1 1/4"	140mm 5 1/2"	51mm 2"	1/4"	1/4"	1/4"
3" OD	65	76.1	3.000	235	9.25	280	11	76	1 1/4"	1 1/4"	140mm 5 1/2"	51mm 2"	1/4"	1/4"	1/4"
3"	80	88.9	3.500	241	9.5	305	12	89	1 1/4"	1 1/4"	140mm 5 1/2"	51mm 2"	1/4"	1/4"	1/4"
4"	100	114.3	4.500	254	10	343	13.5	114	2"	2"	140mm 5 1/2"	64mm 2 1/2"	1/4"	1/4"	1/4"
5 1/2" OD	125	139.7	5.500	267	10.5	356	14	140	2"	2"	140mm 5 1/2"	64mm 2 1/2"	1/4"	1/4"	1/4"
5"	125	141.3	5.563	267	10.5	356	14	141	2"	2"	140mm 5 1/2"	64mm 2 1/2"	1/4"	1/4"	1/4"
6 1/2" OD	150	165.1	6.500	280	11	375	14.75	165	2"	2"	140mm 5 1/2"	64mm 2 1/2"	1/4"	1/4"	1/4"
6"	150	168.3	6.625	280	11	375	14.75	168	2"	2"	140mm 5 1/2"	64mm 2 1/2"	1/4"	1/4"	1/4"
JIS 8"	200A	216.3	8.515	305	12	400	15.75	216	2"	2"	140mm 5 1/2"	64mm 2 1/2"	1/4"	1/4"	1/4"
8"	200	219.1	8.625	305	12	400	15.75	219	2"	2"	140mm 5 1/2"	64mm 2 1/2"	1/4"	1/4"	1/4"

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