

For Residential, Commercial, Industrial and Solar Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 600

Bronze Silent Check Valves

Sizes: 1/4" – 2" (8-50mm)

Series 600 Bronze Silent Check Valves efficiently perform all of the functions of a swing check or vertical lift check valve and at the same time operate silently to prevent the effects of water hammer.

Features:

- Conical brass disc for full fluid flow
- PTFE seat
- Install in horizontal or vertical position (consult factory for proper use in vertical installations)
- Low pressure drop equivalent to a swing check
- Stainless steel guide rod and spring (1 1/4" to 2")
- Silent operation
- Threaded ends

Specifications

A bronze silent check valve shall be installed as indicated on the plans. The valve shall have a conical brass disc, PTFE seat and silent operation. Pressure rating no less than 400psi (27.6 bars) WOG non-shock and 15psi (1 bar) WSP. Valve shall be a Watts Regulator Company Series 600.

Application Notes

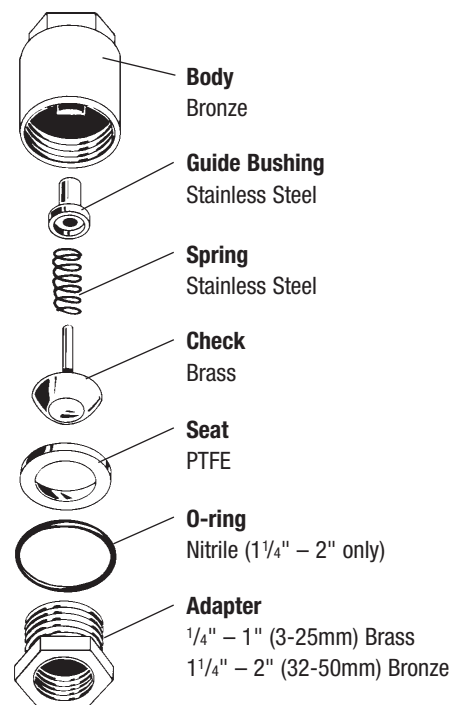
These valves are not suggested for installation in sewage ejector piping.

WARNING: Do not use for reciprocating air compressor service.

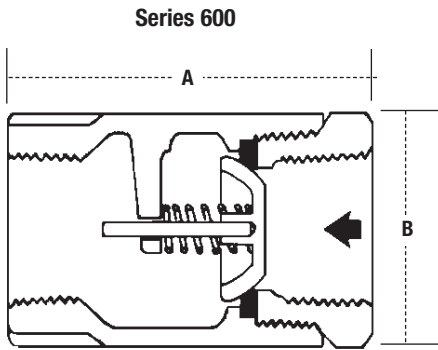


600

Materials



Dimensions - Weights



SIZE (DN)		DIMENSIONS				WEIGHT	
		A		B			
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kg.</i>
1/4	8	2 1/8	54	1 1/4	32	.22	.1
3/8	10	2 1/8	54	1 1/4	32	.5	.2
1/2	15	2 1/8	54	1 1/4	32	.5	.2
3/4	20	2 1/2	64	1 1/2	38	.75	.3
1	25	3 1/8	79	2	50	1.38	.6
1 1/4	32	3 3/4	95	2 1/2	64	2.13	1.0
1 1/2	40	4	102	2 3/4	70	3.0	1.4
2	50	4 1/2	114	3 1/2	89	4.38	2.0

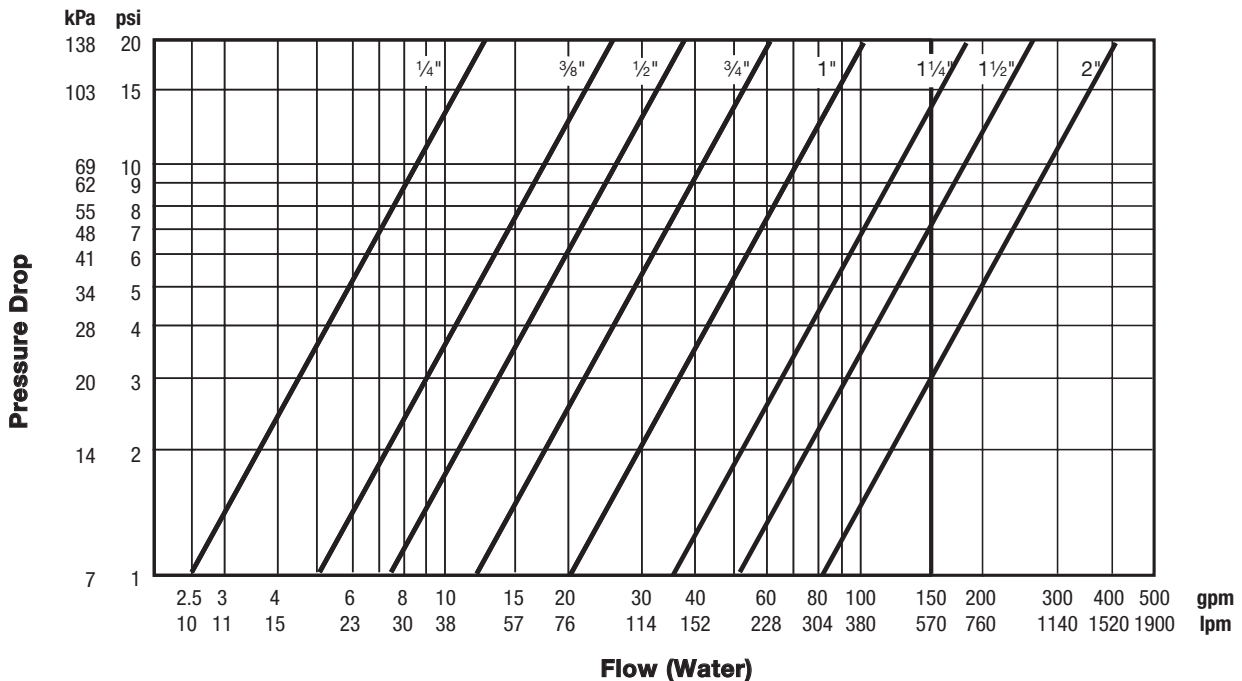
Pressure – Temperature

Maximum Working Pressure:

400psi (27.6 bars) WOG non-shock @ -20°F to 100°F
 (-29°C to 38°C); 15psi (1 bar) WSP @ 250°F (121°C)

TEMPERATURE		PRESSURE	
<i>Fahrenheit</i>	<i>Celsius</i>	<i>psi</i>	<i>bars</i>
-20° to 100°	-29° to 38°	400	27.6
200°	93°	200	13.8
250°	121°	160	11.0

Pressure Drop vs. Flow



Water Safety & Flow Control Products



USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com

Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca