

MAX NON-SHOCK  
WORKING PSI

TEMPERATURE	PSI
150°F	400
200°F	370

### LEAD FREE

The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight. Material complies with state codes and standards, where applicable, requiring reduced lead content.

### Notes:

Valve is designed for liquid service only. Install 5 to 10 pipe diameters downstream from pump discharge or elbows to avoid flow turbulence. The intake side of CVO 900 series check valves must be mated to a ANSI B16.5 flat faced steel flange. The discharge side can be mated to a ANSI B16.5 flat face steel flange or a wafer style butterfly valve without the use of spools or adapters.

Valve complies with MSS-SP-125-2010.

2-1/2" valve trim is threaded into body.

ITEM	PART NAME	MATERIAL	ASTM NO.
1	BODY	CAST IRON	A126 CL. B
2	SEAT	STAINLESS	T304
3	PLUG	STAINLESS	T304
4	SPRING	STAINLESS	T304
5	BUSHING	STAINLESS	T304
6	SCREW	STAINLESS	T304

Qty.	Part Number	Size I.D. (in)	A (in)	B (in)	C (in)	D (in)	E (in)	Cv*	Weight (Lbs)	Bolt Size (in)	Number Of Bolts
	VCSIL-IG1SX0250	2-1/2	7-1/2	5-1/2	5-7/8	1	1-7/16	110	25	3/4	8
	VCSIL-IG1SX0300	3	8-1/4	6	6-5/8	1-1/8	1-3/8	155	34	3/4	8
	VCSIL-IG1SX0400	4	10	7-1/4	7-7/8	1-1/4	1-3/4	278	59	3/4	8
	VCSIL-IG1SX0500	5	11	8-1/2	9-1/4	1-3/8	2	435	74	3/4	8
	VCSIL-IG1SX0600	6	12-1/2	9-3/4	10-5/8	1-7/16	2-1/2	625	100	3/4	12
	VCSIL-IG1SX0800	8	15	12-1/2	13	1-5/8	3-1/4	1115	177	7/8	12
	VCSIL-IG1SX1000	10	17-1/2	15-1/2	15-1/4	1-7/8	4-1/4	1770	255	1	16


\*Cv is the number of U.S. gallons/minute of 60°F water that will flow through a valve with 1 PSI of pressure drop across the valve.

PROJECT INFO

CUSTOMER: \_\_\_\_\_

PROJECT: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

REV. 0	DRAWING REVISED	DATE 1/1/2013
		STAYFLOW 312-428-4750
<b>MODEL VCSIL-IG1SX</b> 2.5" - 10" 250# GLOBE STYLE SILENT CHECK VALVE W/ SS TRIM		
DRAWN BY:		DATE:
APPROVED:		DATE:
SCALE: NONE	DRAWING NUMBER: VCSILIGSX	