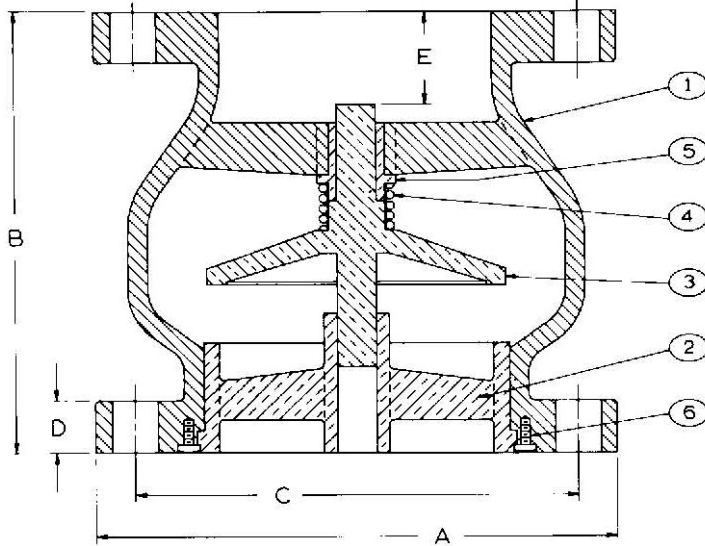


NOTE: THESE VALVES MATE TO WAFER-STYLE BUTTERFLY VALVES WITHOUT THE USE OF SPOOL PIECES OR OTHER ADAPTERS.*



STYLE 900 GLOBE STYLE SILENT CHECK VALVE 2.5" through 12"



NOTE:

Valve is designed for liquid service only. Install 5 to 10 pipe diameters downstream from pump discharge or elbow to avoid flow turbulence. Valve is designed to be mated to standard steel flanges.

PART

NO./NAME	MATERIAL / ASTM NO.
1 BODY	Cast Iron ASTM A48
2 SEAT	Bronze ASTM B584
3 PLUG	Bronze ASTM B584
4 SPRING	Stainless Steel T304
5 BUSHING	Bronze ASTM B584
6 SCREWS	Stainless Steel T304

MAX. NON-SHOCK WORKING PSI 125# ANSI B16.1 FLANGE RATING		
TEMPERATURE		
SIZE	150°F	200°F
2-1/2" - 12"	200 PSI	190 PSI

2-1/2" VALVE—TRIM IS THREADED INTO BODY

ANSI CLASS 125

QTY	Valve Size	Model Number	A	B	C	D	E	Cv**	Bolt Size	No. of Bolts
	2-1/2"	902.5	7"	5-1/2"	5-1/2"	11/16"	1-3/16"	110	5/8"	4
	3"	903	7-1/2	6	6	15/16	1-3/8	155	5/8	4
	4"	904	9	7-1/4	7-1/2	15/16	1-3/4	278	5/8	8
	5"	905	10	8-1/2	8-1/2	15/16	2	435	3/4	8
	6"	906	11	9-3/4	9-1/2	1	2-1/2	625	3/4	8
	8"	908	13-1/2	12-1/2	11-3/4	1-1/8	3-1/4	1115	3/4	8
	10"	910	16	15-1/2	14-1/4	1-3/16	4-1/4	1770	7/8	12
	12"	912	19	14-1/4	17	1-1/4	3/4	2500	7/8	12

* Applies to size 2-1/2" - 10" only, 12" requires a spool piece.

**Flow coefficient 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.

CUSTOMER _____

PROJECT _____

ENGINEER _____

ARCHITECT _____

PRO. OR P.O. NO. _____



DESCRIPTION:

**FM 2-1/2" - 12" 125# GLOBE STYLE
SILENT CHECK VALVE**

DRAWING BY:
ZB

DATE:
4/15/10

DRAWING NO.
900—FM