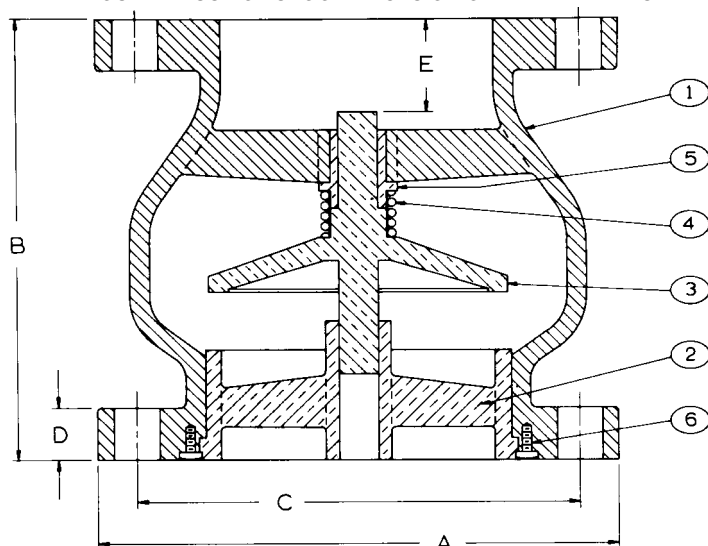


NOTE: THESE VALVES MATE TO WAFER-STYLE BUTTERFLY VALVES WITHOUT THE USE OF SPOOL PIECES OR OTHER ADAPTERS.



STYLE 900 GLOBE STYLE SILENT CHECK VALVE 2.5" through 10"

NOTE:

Valve is designed for liquid service only. Install 5 to 10 pipe diameters downstream from pump discharge or elbows to a void 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"-10"	200 PSI	190 PSI

MAX. NON-SHOCK WORKING PSI 250# ANSI B16.1 FLANGE RATING		
TEMPERATURE		
SIZE	150°F.	200°F.
2-1/2"-10"	400 PSI	370 PSI

OTHER MATERIALS AND RESILIENT SEATS ARE AVAILABLE - CONTACT FACTORY

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

ANSI CLASS 250

QTY.	Valve Size	Model Number	A	B	C	D	E	Cv*	BOLT SIZE	NO. OF BOLTS
	2-1/2"	952.5	7-1/2"	5-1/2"	5-7/8"	1"	1-7/16"	110	3/4"	8
	3	953	8-1/4	6	6-5/8	1-1/8	1-3/8	155	3/4	8
	4	954	10	7-1/4	7-7/8	1-1/4	1-3/4	278	3/4	8
	5	955	11	8-1/2	9-1/4	1-3/8	2	435	3/4	8
	6	956	12-1/2	9-3/4	10-5/8	1-7/16	2-1/2	625	3/4	12
	8	958	15	12-1/2	13	1-5/8	3-1/4	1115	7/8	12
	10	960	17-1/2	15-1/2	15-1/4	1-7/8	4-1/4	1770	1	16

*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. _____

Metraflex
for pipes in motion
Chicago, IL

DESCRIPTION:

**2-1/2" - 10" 125# AND 250# GLOBE STYLE
SILENT CHECK VALVE**

DRAWN BY:

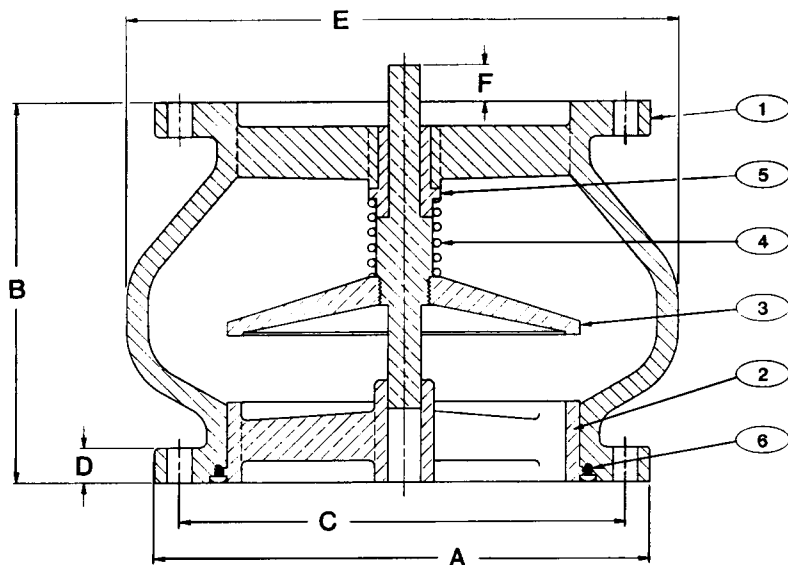
ZB

DATE:

REV 2/20/09

DRAWING NO:

900-2.5 REV1



STYLE 900 GLOBE STYLE SILENT CHECK VALVE 12" through 42"

NOTE:

Valve is designed for liquid service only. Install 5 to 10 pipe diameters downstream from pump discharge or elbows to a void 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

OTHER MATERIALS AND RESILIENT SEATS ARE AVAILABLE - CONTACT FACTORY

MAX. NON-SHOCK WORKING PSI 125# ANSI B16.1 FLANGE RATING		
TEMPERATURE		
SIZE	150°F.	200°F.
12"	200 PSI	190 PSI
14"-42"	150 PSI	135 PSI

MAX. NON-SHOCK WORKING PSI 250# ANSI B16.1 FLANGE RATING		
TEMPERATURE		
SIZE	150°F.	200°F.
12"	400 PSI	370 PSI
14"-42"	300 PSI	280 PSI

ANSI CLASS 125

QTY.	Valve Size	Model Number	A	B	C	D	E	F	Cv*	BOLT SIZE	NO. OF BOLTS
	12"	912	19"	14-1/4"	17"	1-1/4"	20"	3/4"	2500	7/8"	12
	14	914	21	15-3/4"	18-3/4"	1-3/8"	22	1-7/16"	3400	1"	12
	16	916	23-1/2"	17-5/8"	21-1/4"	1-7/16"	25	2-1/4"	4400	1"	16
	18	918	25	18-3/4"	22-3/4"	1-9/16"	28	2-1/4"	5600	1-1/8"	16
	20	920	27-1/2"	20-5/8"	25"	1-11/16"	31	2-15/16"	6900	1-1/8"	20
	24	924	32	24"	29-1/2"	1-7/8"	37	3-5/8"	10000	1-1/4"	20
	30	930	38-3/4"	29-1/4"	36"	2-1/8"	45	5"	15400	1-1/4"	28
	36	936	46	45"	42-3/4"	2-3/8"	54	8"	22400	1-1/2"	32
	42	942	53	50"	49-1/2"	2-5/8"	64	9-1/4"	30400	1-1/2"	36

ANSI CLASS 250

QTY.	Valve Size	Model Number	A	B	C	D	E	F	Cv*	BOLT SIZE	NO. OF BOLTS
	12"	962	20-1/2"	14-1/4"	17-3/4"	2"	20"	3/4"	2500	1-1/8"	16
	14	964	23	15-3/4"	20-1/4"	2-1/8"	22	1-7/16"	3400	1-1/8"	20
	16	966	25-1/2"	17-5/8"	22-1/2"	2-1/4"	25	2-1/4"	4400	1-1/4"	20
	18	968	28	18-3/4"	24-3/4"	2-3/8"	28	2-1/4"	5600	1-1/4"	24
	20	970	30-1/2"	20-5/8"	27"	2-1/2"	31	2-15/16"	6900	1-1/4"	24
	24	974	36	24"	32"	2-3/4"	37	3-5/8"	10000	1-1/2"	24
	30	980	43	29-1/4"	39-1/4"	3"	45	5"	15400	1-3/4"	28
	36	986	50	45"	46"	3-3/8"	54	8"	22400	2"	32
	42	992	57	50"	52-3/4"	3-11/16"	64	9-1/4"	30400	2"	36

*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. _____

Metraflex
for pipes in motion
Chicago, IL

DESCRIPTION:
**12" - 42" 125# AND 250# GLOBE STYLE
SILENT CHECK VALVE**

DRAWN BY: ZB	DATE: REV 2/20/09	DRAWING NO: 900-12 REV1
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