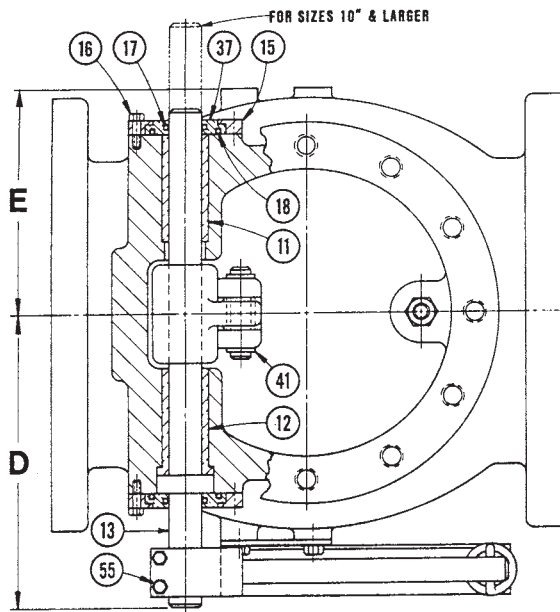
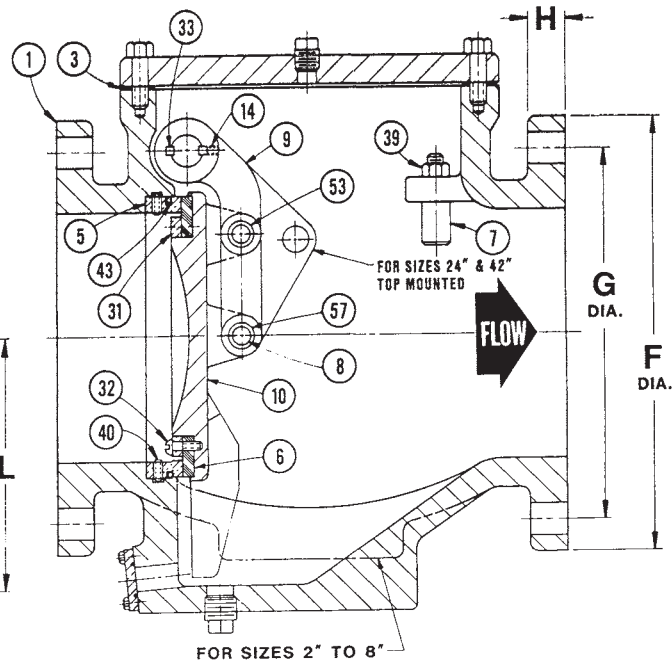
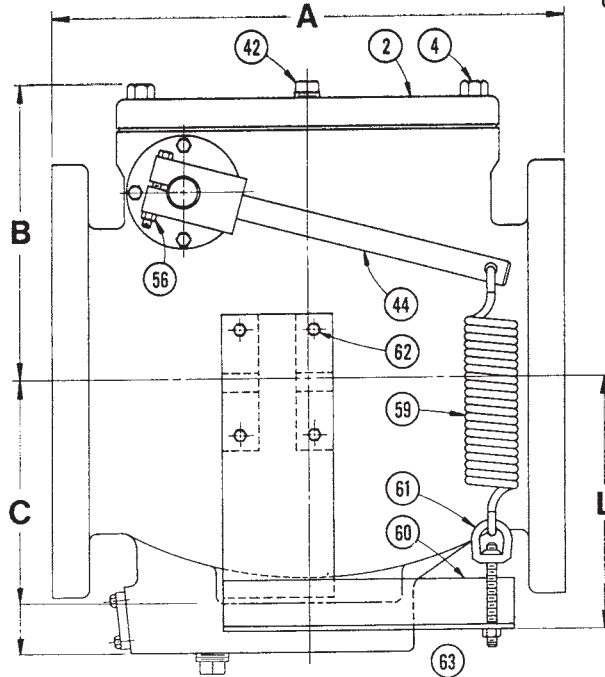


CONVERTIBLE SWING CHECK VALVE LEVER & SPRING



VALVE SIZE	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"	42"	48"	54"	60"	66"					
MODEL NO.	6002 CLS	6002 1/2 CLS	6003 CLS	6004 CLS	6006 CLS	6008 CLS	6010 CLS	6012 CLS	6014 CLS	6016 CLS	6018 CLS	6020 CLS	6024 CLS	6030 CLS	6036 CLS	6042 CLS	6048 CLS	6054 CLS	6060 CLS	6066 CLS					
A	9	12	12	13	17 1/2	18	23	28	33	36	40	40	48	56	63	70	78	87	97	108					
B	5 3/4	6 7/8	7	7 1/2	10	12	14 3/8	16 1/2	20 3/8	22 5/8	24	25 1/4	28	37 7/8	44 1/2	55 3/4	51	63	66	68					
C	13 1/4	13 1/2	13 3/4	14	17	17 1/2	21	22	26	27 1/2	29	32	33	38 1/2	41 1/2	49	41	52	58	64					
D	11 7/8	12 1/4	12 3/4	13	16 7/8	16 3/4	21	22	26	27 1/2	29	32	33	38 1/2	41 1/2	49	60	65	70	76					
E	5	5 1/4	5 1/2	6	8 3/8	8 1/2	20	21	25	27	28 1/2	31 1/2	33	37 1/2	41	48 1/2	60	65	70	76					
L	5	5 1/2	5 5/8	6 1/2	8	9	13	15	16 3/4	20	21	22 3/8	25 3/8	28 3/4	33 1/2	37 5/8	41	52	58	64					
F	6	7	7 1/2	9	11	13 1/2	16	19	21	23 1/2	25	27 1/2	32	38 3/4	46	53	59 1/2	66 1/4	73	80					
G	4 3/4	5 1/2	6	7 1/2	9 1/2	11 3/4	14 1/4	17	18 3/4	21 1/4	22 3/4	25	29 1/2	36	42 3/4	49 1/2	56	62 3/4	69 1/4	76					
H	5	5 1/8	5 1/4	6 1/8	7 1/8	8 1/8	10 1/8	11 1/8	13 1/8	14 1/8	16 1/8	18 1/8	20 1/8	22 1/8	24 1/8	27 1/8	31 1/8	35 1/8	39 1/8	43 1/8					
DIA. OF HOLES	3/4	3/4	3/4	3/4	7/8	7/8	1	1	1 1/8	1 1/8	1 1/4	1 1/4	1 1/2	1 3/8	1 3/8	1 5/8	1 5/8	1 5/8	2	2					
NO. OF HOLES	4	4	4	8	8	8	12	12	12	16	16	20	20	28	32	36	44	44	52	52					
F	6 1/2	7 1/2	8 1/4	10	12 1/2	15	17 1/2	20 1/2	23	25 1/2	28	30 1/2	36	43	50	57	65	TO BE SUPPLIED BY CUSTOMER							
G	5	5 7/8	6 5/8	7 5/8	10 5/8	13	15 1/4	17 3/4	20 1/4	22 1/2	24 3/4	27	32	39 1/4	46	52 3/4	60 3/4								
H	7 7/8	1	1 1/8	1 1/2	1 7/8	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 3/4	3	3 3/8	3 1/2	4									
DIA. OF HOLES	3/4	7/8	7/8	7/8	7/8	1	1 1/8	1 1/4	1 1/4	1 3/8	1 3/8	1 3/8	1 3/8	2	2 1/4	2 1/4	2 1/4								
NO. OF HOLES	8	8	8	8	12	12	16	16	20	20	24	24	24	28	32	36	40								

SPECIFY IF OTHER THAN HORIZONTAL INSTALLATION. ANGLE OF WEIGHT LEVER AND OIL RESERVOIR MUST BE CHANGED.



CERTIFIED BY: _____
DATE: _____

DET.	DESCRIPTION	MATERIAL	DET.	DESCRIPTION	MATERIAL	DET.	DESCRIPTION	MATERIAL
1	BODY	CAST IRON	14	DISC ARM SET SCREW	STAINLESS STEEL	43	BODY SEAT SEAL	BUNA-N
2	COVER	CAST IRON	15	PIVOT SHAFT COVER	CAST IRON	44	SPRING LEVER ARM	D. I. / STEEL
3	COVER GASKET	LEXIDE (NON ASBESTOS)	16	PIVOT SHAFT COVER BOLT	STEEL	53	PIVOT SLEEVE BEARING	BRONZE
4	COVER BOLT	STEEL	17	PIVOT SHAFT SEAL	BUNA-N	55	SPRING LEVER ARM BOLT	STEEL
5	BODY SEAT RING	ALUMINUM BRONZE	18	PIVOT SHAFT COVER SEAL	BUNA-N	56	SPRING LEVER ARM BOLT NUT	STEEL
6	DISC SEAT	BUNA-N	31	SEAT RETAINING RING	ALUMINUM BRONZE	57	DISC ARM SLEEVE	BRONZE
7	DISC STOP	STAINLESS STEEL	32	SEAT RETAINING RING SCREW	STAINLESS STEEL	59	SPRING	STEEL
8	DISC PIN	STAINLESS STEEL	33	PIVOT SHAFT KEY	STAINLESS STEEL	60	SPRING BRACKET	STEEL
9	DISC ARM	DUCTILE IRON	37	PIVOT SHAFT SEAL RETAINER	BRONZE	61	EYE BOLT	STEEL
10	DISC	CAST IRON	39	DISC STOP LOCK NUT	STAINLESS STEEL	62	SPRING BRACKET BOLT	STEEL
11	PIVOT SHAFT BUSHING	BRONZE	40	SEAT RETAINING SET SCREW	STAINLESS STEEL	63	EYE BOLT NUT	STEEL
12	PIVOT SHAFT FLANGED BUSHING	BRONZE	41	DISC PIN RETAINING RING	STAINLESS STEEL			
13	PIVOT SHAFT	STAINLESS STEEL	42	COVER PIPE PLUG	MALLEABLE IRON			

¹ DISC MATERIAL IS DUCTILE IRON ASTM A536 ON 10" AND UP.

DATE
09-01-03



DRWG. NO.
S-6000CLS

SPECIFICATIONS OTHER SIDE

APCO[®] SPECIFICATIONS

SERIES 6000CLS CONVERTIBLE SWING CHECK VALVE-LEVER & SPRING

The Swing Check Valve-Lever & Spring shall be constructed of heavy cast iron body with a bronze seat ring. The seat ring shall be locked in place with stainless steel lock screws and be field replaceable without the use of special tools. The Pivot shaft shall be one (1) piece stainless steel for attachment of outside Lever and Spring.

The Lever & Spring shall prevent the back-flow of the media on pump shut-off or power failure and be tight seating.

The valve disc shall be cast iron utilizing a double clevice hinge and be connected to a Ductile Iron disc arm suspended from a stainless steel shaft which shall pass through externally replaceable O-ring seals and be connected to the lever arm on the outside of the valve. The disc seat shall be resilient Buna-N material for drip tight shut-off and shall be easily replaced in the field without the use of special tools.

All internals shall be field replaceable without removing the main valve from the pipeline.

Valve exterior to be painted with Universal Primer Paint as accepted by the FDA for use in contact with Potable Water.

All materials of construction shall be certified in writing to conform to A.S.T.M. specifications as follows:

Body, cover, disc	Cast iron	ASTM A126 Gr. B
Disc arm	Ductile iron	ASTM A536
Seat	Aluminum bronze	ASTM B148
Spring	Oil tempered wire	ASTM A229
Disc seat	Buna-N	
Pivot shaft	Stainless steel	ASTM A582

Valve to be APCO Series 6000CLS Convertible Swing Check Valve-Lever & Spring as manufactured by Valve & Primer Corporation, Schaumburg, Illinois, U.S.A.