

HERSEY 2

SIZE

3", 4", 6", 8", 10"

DESCRIPTION

The Hersey model 2 is a double check assembly. Production of this unit was begun approximately in 1975 and was discontinued in 2004. It has a cast iron body. From 1977-1993 the cast iron bodies were galvanized coated. From 1992-1993 the HP painted epoxy was available as an option to the galvanizing. In 1993 a fused epoxy coating became the standard. Check seats are replaceable. A seat removal tool is needed to replace the check seats. Check springs are contained when the cover is removed. In 1988 the end to end body dimension on sizes 3" and 4" were changed. The earlier model of the 3" was 5/8" shorter. The earlier model of the 4" was 1" shorter. The repair kits are the same. The checks are a similar design as used in the 6CM assembly. Most internal hardware parts are made of bronze. In 1993 the design of the check cover was changed. Before 1993 a gasket was used to seal the check covers to the body. After 1993 an O-ring seal was used on the check covers.

BASIC REPAIR KIT

Repair kit contains all rubber discs, gaskets, and O-ring

<u>SIZE</u>	<u>KIT NO</u>
3"	63351
4"	63451
6"	63651
8"	63851
10"	63951

IMPORTANT FEATURES

- ~Galvanized cast iron body*
- ~Replaceable seats*
- ~Contained springs*
- ~Factory repair information enclosed*

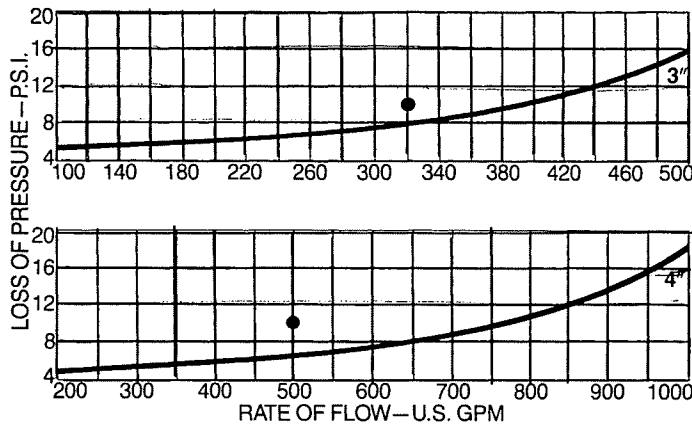


Model No. 2

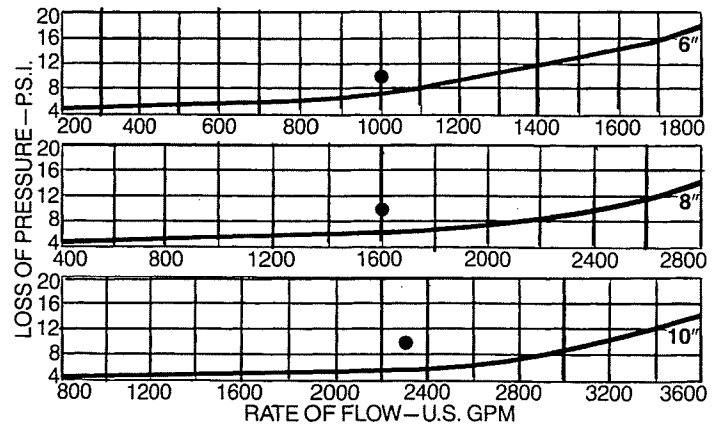
Double Check Valve Assembly

PERFORMANCE (Performance curves are typical only and not a guarantee of performance)

Head Loss - 3" and 4"



Head Loss - 6", 8" and 10"



NOTE: ● Maximum Allowable Pressure Loss allowed by USC at indicated flow.

DIMENSIONS on 3" and 4" see description

SIZE	3"	4"	6"	8"	10"
A	40 ⁵ / ₈ "	47 ¹ / ₂ "	62"	75 ¹ / ₂ "	88"
B	24 ⁵ / ₈ "	29 ¹ / ₂ "	41"	52 ¹ / ₂ "	62"
C	4"	4 ¹ / ₁₆ "	5 ³ / ₄ "	7"	8 ¹ / ₂ "
D (NRS)	13 ⁵ / ₈ "	15 ¹ / ₄ "	19 ⁷ / ₈ "	24 ¹ / ₂ "	29 ³ / ₄ "
D (OS + Y*)	22 ¹ / ₁₆ "	25"	32 ³ / ₄ "	41 ¹ / ₂ "	48 ¹ / ₂ "
Max. Width	8 ¹ / ₄ "	9 ¹ / ₂ "	12 ³ / ₈ "	16 ³ / ₄ "	20 ³ / ₈ "
Size of Test Cocks	1/2"	1/2"	3/4"	3/4"	3/4"

*OS + Y gate valve: "D" dimension open.

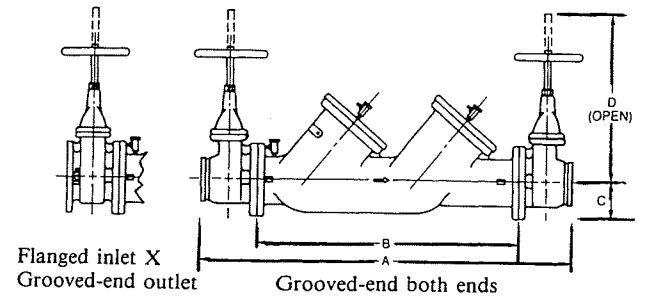
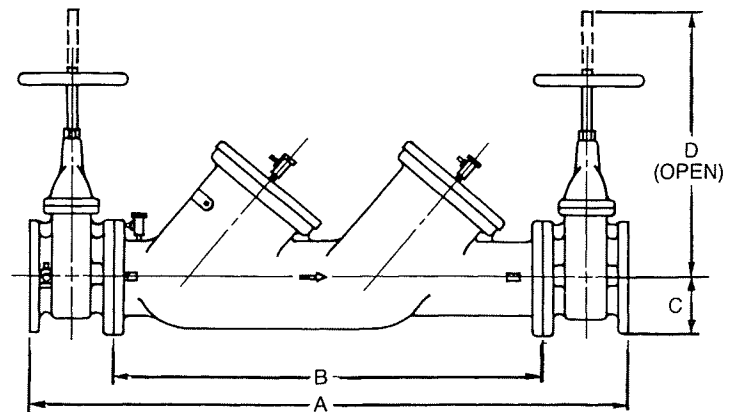
WEIGHTS

SIZE	3"	4"	6"	8"	10"
Net Wt. No Valves, Lbs.	136	240	448	922	1715
Net Wt. W/NRS Valves, Lbs.	250	430	786	1412	2655
Net Wt. W/OS + Y Valves, Lbs.	270	450	848	1522	2665
Gross Wt. No Valves, Lbs.	166	270	530	1027	1880
Gross Wt. W/NRS Valves, Lbs.	280	460	906	1637	2830
Gross Wt. W/OS + Y Valves, Lbs.	300	480	930	1747	2840

MATERIALS AND SPECIFICATIONS

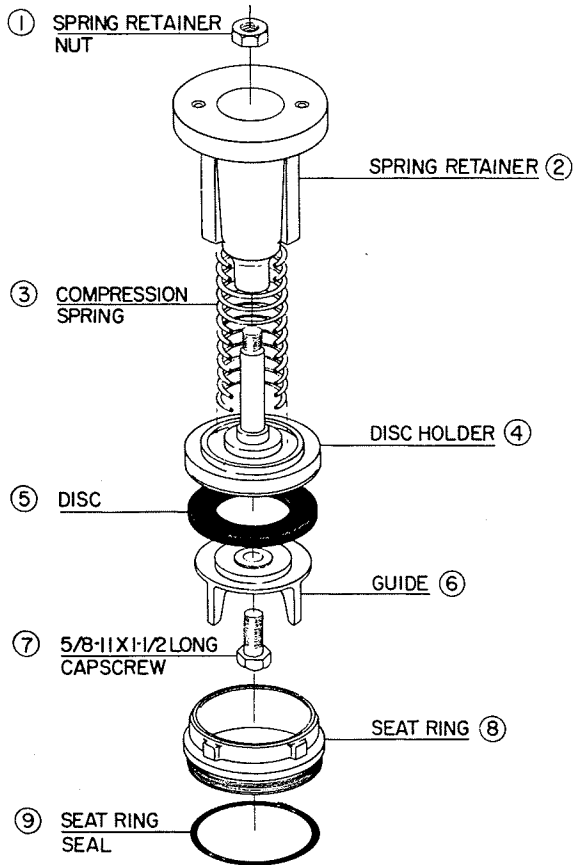
Mainline case hot-dipped galvanized or epoxy-coated cast iron
 Working parts bronze and stainless steel
 Springs stainless steel
 Valve discs silicone rubber

Maximum rated working pressure 175 psi
 Hydrostatic test pressure 350 psi
 Temperature range 33°-140° F
 (Available up to 180° F)

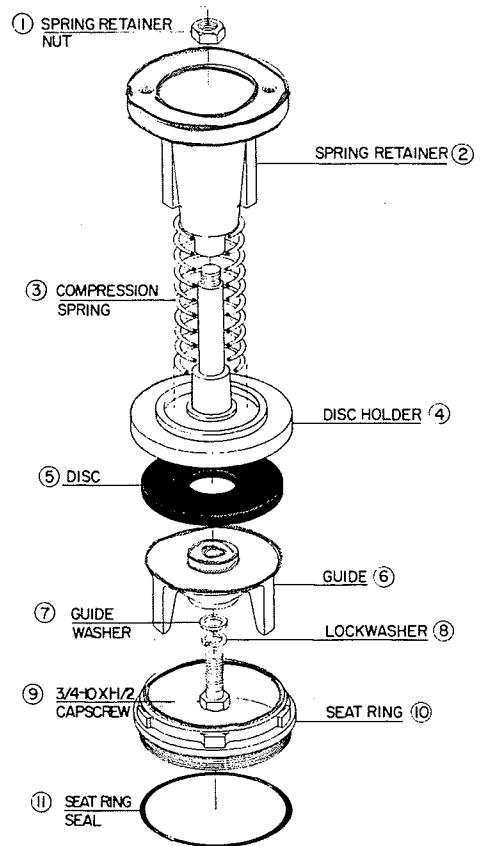


SIZE	4"	6"
A	47 1/2"	62"
B	29 1/2"	41"
C	4 1/16"	5 3/4"
D (OS+Y*)	25"	32 3/4"
Max. Width	9 1/2"	12 3/8"
Size of Test Cocks	1/2"	3/4"

*OS+Y gate valve: "D" dimension open.



CHECK VALVE ASSEMBLY
2 1/2" - 6" HERSEY NO. 2



CHECK VALVE ASSEMBLY
8" - 10" HERSEY NO. 2

