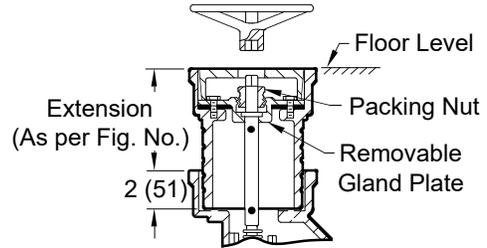
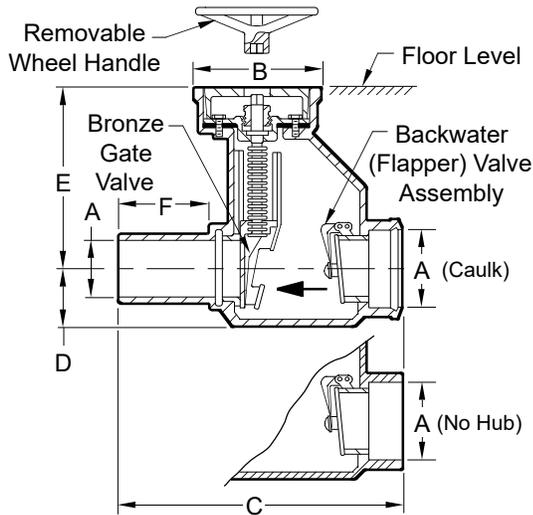


BACKWATER VALVES

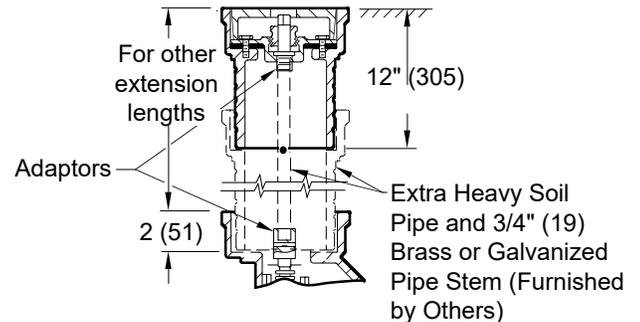
IN-LINE MANUAL SHUT-OFF GATE VALVE



- Fig. 7151C..... with 12(305) in. Extension/04(100) in. Inlet & Outlet
- Fig. 7151Y..... with 12(305) in. Extension/04(100) in. Inlet & Outlet
- Fig. 7152C..... with 24(610) in. Extension/04(100) in. Inlet & Outlet
- Fig. 7152Y..... with 24(610) in. Extension/04(100) in. Inlet & Outlet
- Fig. 7153C..... with 9 1/2(240) in. Extension/06(150) in. Inlet & Outlet
- Fig. 7153Y..... with 9 1/2(240) in. Extension/06(150) in. Inlet & Outlet
- Fig. 7154C..... with 21 1/2(545) in. Extension/06(150) in. Inlet & Outlet
- Fig. 7154Y..... with 21 1/2(545) in. Extension/06(150) in. Inlet & Outlet

- Fig. 7150C..... CAULK INLET
NO-HUB OUTLET
- Fig. 7150Y..... NO-HUB INLET & OUTLET

A SIZE	B DIA.	C	D	E	F
04(100)	8 (205)	18(455)	3 3/4(95)	12(305)	5(125)
06(150)	10 1/2(265)	20(510)	4 1/2(115)	14 1/2(370)	5(125)



- Fig. 7155C..... CAULK WITH EXTENSION ADAPTOR
- Fig. 7155Y..... NO-HUB INLET & OUTLET

NOTE: B.W.V. flapper set at factory to hang in closed position. Pin can be moved to permit flapper to hang open 1/4" (6) to permit air circulation.

NOTE: 4(100) size furnished with Delrin Backed Neoprene flapper. 6(150) size furnished with bronze flapper.

NOTE: Fig. 7150C and 7150Y are accessible from finished floor. Non-rising stem with spade-shaped gate assures positive closure.

NOTE: Extension joint(s) must be caulked using 1"(25) of oakum and 1"(25) of poured lead. Not sized for compression type gaskets.

NOTE: During periods when manual shut-off valve is closed, use of building plumbing fixtures and drains must be avoided.

REGULARLY FURNISHED:

Duco Cast Iron Body and Cover with Removable Wheel Handle. Bronze Gate and Bronze Flapper Valve. Cast Iron Extensions as Indicated by Figure Number Selected.

Conforms to ASME A112.14.1

NOTE: Dimensions shown in parentheses are in millimeters.

VARIATIONS:

- Outlet Sized for Service Weight -SW (When Specified)

OPTIONAL MATERIALS:

- Galvanized Cast Iron -G

NOTE: These valves offer protection against backwater surges. Backflow is prevented when valve is not obstructed by debris or sludge. Use for gravity flow only, not for pressurized applications.

DRAWING NUMBER S7150
 SIZE A
 SCALE: NONE
 DATE: 5-16-83
 APPROVED BY: SJM
 CHECKED BY: DT
 DRAWN BY: BS
 FIGURE NUMBER 7150
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE
 WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

R Q P N	4-10-24 7-24-23 2-11-21 12-6-16	Added ASME Note Removed Function Revised Note Added Note	HS HS KK TBW	CB CL CL BW	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 7150
REV.	DATE	DESCRIPTION	BY	CKD. BY			

BACKWATER VALVES

INLINE MANUAL SHUT-OFF GATE VALVE

DRAWING NUMBER
S7150BS
 SIZE
A
 SCALE:
NONE
 DATE:
4-23-68
 APPROVED BY:

 CHECKED BY:

 DRAWN BY:
7150BS

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

PARTS LIST AND MAINTENANCE INSTRUCTIONS

PART NO.	DESCRIPTION
1	WHEEL HANDLE
2	COVER PLATE
3	STEM
4	PACKING BUSHING
5	VALVE PLATE BOLTS
6	B.W.V. PIN
7	B.W.V. BODY
8	B.W.V. COVER
9	B.W.V. ARM
10	GATE
11	GATE SEAT
12	BODY
13	VALVE PLATE
14	VALVE PLATE GASKET
15	PACKING
16	EXTENSION ROD ASSEMBLY
17	CHECK PLUG
18	EXTENSION
19	EXTENSION ADAPTOR
20	EXTENSION ADAPTOR STEM - TOP
21	STEM PIN
22	STEM PIN
23	EXTENSION ADAPTOR STEM ASS'Y - LOWER

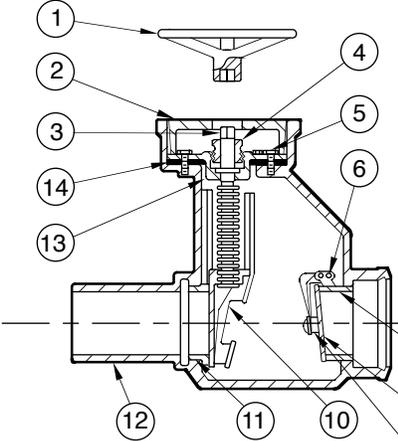


Fig. 7150
04 (100), 06"(150)

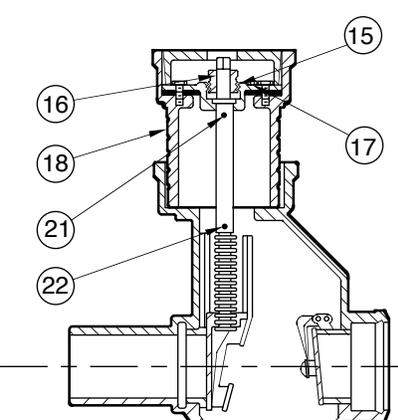


Fig. 7151 04"(100)
Fig. 7152 04"(100)
Fig. 7153 06" (150)
Fig. 7154 06"(150)

NOTE: Dimensions shown in parentheses are in millimeters.

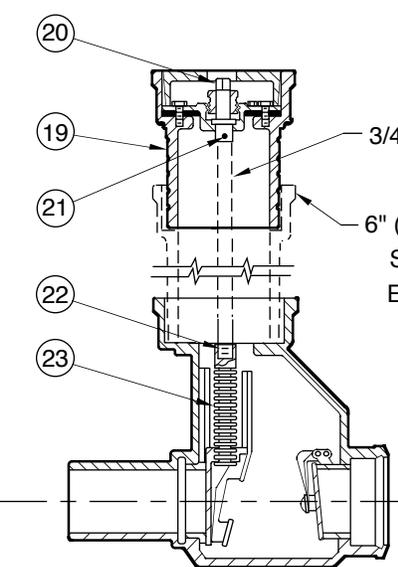


Fig. 7155
04 (100),
06"(150)

NOTE: Extension joint(s) must be caulked using 1" (25) of oakum and 1" (25) of poured lead. Not sized for compression type gaskets.

NOTE: For Replacement Parts Specify Part No., Fig. No. and Size Gate Valve.

Cover Plate Dia. For 04" (100) Size 7" (180) Dia.
 Cover Plate Dia. For 06" (150) Size 9 1/2 (240) Dia.

SEMI-ANNUAL MAINTENANCE INSTRUCTIONS

1. REMOVE COVER PLATE.
2. LOOSEN FOUR BOLTS FROM VALVE PLATE.
3. CLOSE GATE VALVE UNTIL VALVE COVER PLATE LOOSENS.
4. REMOVE VALVE PLATE, STEM AND GATE ASSEMBLY.
5. HOSE DEBRIS FROM VALVE BODY AND LUBRICATE STEM AND DISC HINGE.
6. REPLACE ASSEMBLY IN VALVE BODY, MAKE SURE THE GATE IS IN TRACK.
7. START THE BOLTS, AND TURN WHEEL HANDLE TO OPEN POSITION.
8. TIGHTEN BOLTS.

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 7150BS
		Removed 03" Removed 05" Added Millimeters Added Note	CMD EMB EMB TWK	BS BS BS			