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**** 如需任何型錄與技術資料, 煩請隨時來電索取. 謝謝!!**

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F-55 HEAVY DUTY DRAINAGE GATE

- CAST IRON CONSTRUCTION
- AUTOMATIC OPERATION
- 55 FOOT SEATING HEAD MAXIMUM

Model F-55 Gates are furnished with a flangeback frame. Frame, cover (flap) and adjustable hinge blocks are cast iron. Standard hinge links are flame cut steel or ductile iron. Assembly bolts, hinge pins and keepers are type 304 stainless steel. Hinge bushings are bronze.

Gate features a minimum of 2½ seat incline to assure positive closing. Finished seating faces are machined to a flat plane within .002 T.I.R.

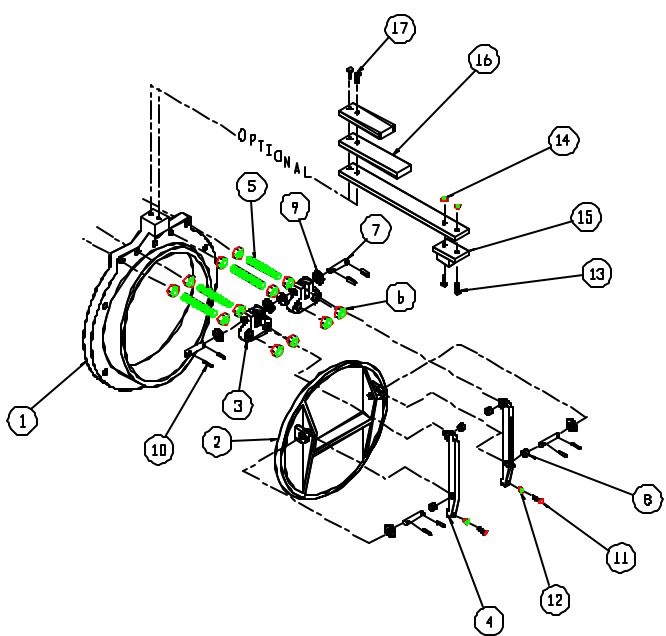
Optional dovetail bronze seat faces, stainless steel seat faces, and a dovetail neoprene seat in either the cover or frame are available. **A leaf spring bumper with rubber cushion block can be furnished when the gate is used on pump discharge lines.**

Other Optional Items Include:

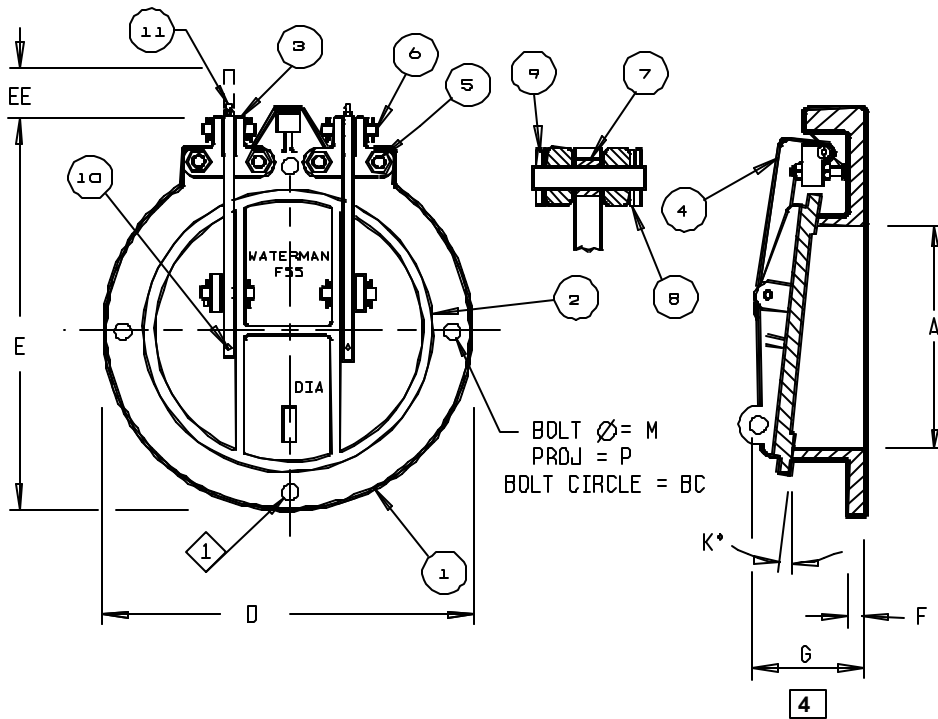
- Ni-Resist frame, cover and hinge block
- Type 304 or 316 stainless steel links
- Manganese bronze hinge links
- Non-metallic hinge bushings
- Type 316 stainless steel assembly hardware
- 125 lb. ANSI standard drilling
- Permalube Bronze Bushings
- Special paint coatings
- Total Galvanizing
- Lube Fittings



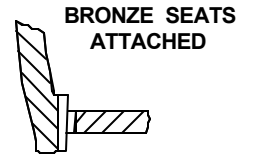
PARTS LIST		
No.	Name	Qty.
1	FRAME	1
2	COVER	1
3	PIVOT LUG	2
4	HINGE LINK	2
5	HINGE STUD	4
6	HINGE NUT	12
7	HINGE PIN	4
8	HINGE BUSHING	4
9	WASHER	8
10	HINGE PIN	4
11	SET SCREW	2
12	JAM NUT	2
13	BUMPER BOLT	2
14	NUT	2
15	BUMPER	1
16	SPRING ELEMENT	3
17	BOLT	2



F-55 AUTOMATIC DRAINAGE GATE



PARTS LIST	
No.	Name
1	FRAME
2	COVER
3	PIVOT LUG
4	HINGE LINK
5	HINGE STUDS & NUTS
6	HINGE PIN
7	HINGE BUSHING
8	WASHERS
9	SPRING PIN
10	SET SCREW
11	LUBE FITTING (optional)



BRONZE SEATS ATTACHED



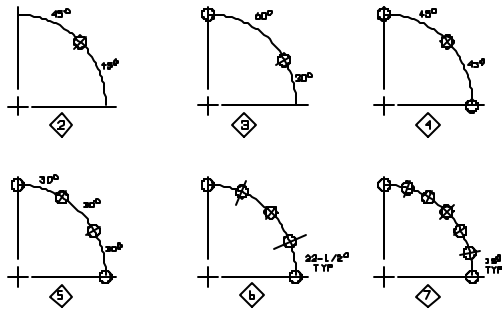
DOVETAIL BRONZE SEAT



RESILIENT SEAT IN COVER



RESILIENT SEAT IN FRAME



1. 25 Lb. & 125 Lb. Std. Drilling available on request for all gates except 15" & 21".

2

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GATE DIMENSIONS IN INCHES

GATE SIZE A	4	6	8	10	12	14	15	16	18	20	21	24	30	36	42	48	54	60	66	72	84	96	108
BC	7½	9½	1¾	14¼	17	18¾	20	21¼	22¾	25	25	29½	36	42¾	49%	56	62¾	69¼	76	82½	95½	108½	119½
D	9	11	13½	16	19	21	22½	23¾	25	27½	27½	32	38¾	46	53	59¾	66½	73	80	86½	99¾	113¼	124
E	9¾	12	14½	16	19	22	25	24	28½	28	30	35	40½	46½	54¾	66	72	75	85¼	92¼	105½	119	130
EE	1¾	2	2½	2¾	3	3¾	3¾	3	3¾	3¾	2¾	3	3½	3½	4¾	4¾	6	6¾	7	10	10	10	10
F	3	¾	¾	¾	1¾	¾	¾	¾	1	1	1	1	1¾	1¾	1½	1½	1¾	1¾	2¼	2¼	2¼	2¼	2½
G	3¾	2½	2¾	3	3½	6	6½	6½	7	7	7½	8	8	9	8½	10	10	10½	14	14½	17	21	21
K	5	5	5	5	5	5	5	5	5	5	5	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
M	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	1	1	1	1½	1½	1½	1½	1½	1½
P	1½	1½	1½	1½	1½	1½	1½	1½	1½	1¾	1¾	1¾	2¼	2¼	2¼	2¾	2¾	3	3	3½	4	4½	4½
NO. OF BOLTS	4	4	4	6	6	6	6	6	6	8	8	8	8	8	12	12	12	12	12	16	16	16	24
	2	1	1	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	6	6	6	7

Waterman INDUSTRIES, INC.

NOTE: FOR PRELIMINARY DESIGN PURPOSES ONLY
DO NOT USE FOR INSTALLATION
UNLESS PART OF CERTIFIED & APPROVED SUBMITTAL