

F-55D FLAP GATE

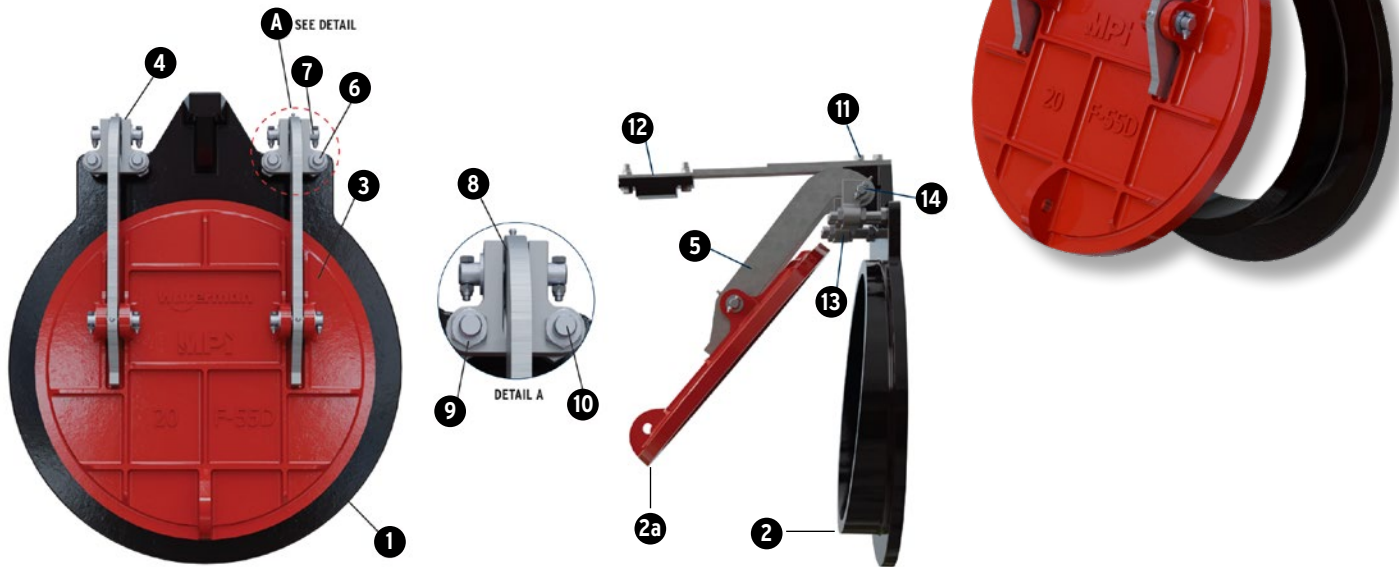
SIZES 6" TO 108", HEAVIEST DUTY, RATED UP TO 55 FEET OF SEATING HEAD



STANDARD FEATURES

- **Our heaviest duty model:** seating head of up to 55 feet
- **Positive closing:** minimum of 2-1/2° seat incline
- **Adjustable, double-pivoted steel hinge links:** permit complete seating, full opening, and prevent cover from rotating sufficiently to become wedged in the open position

MATERIALS OF CONSTRUCTION

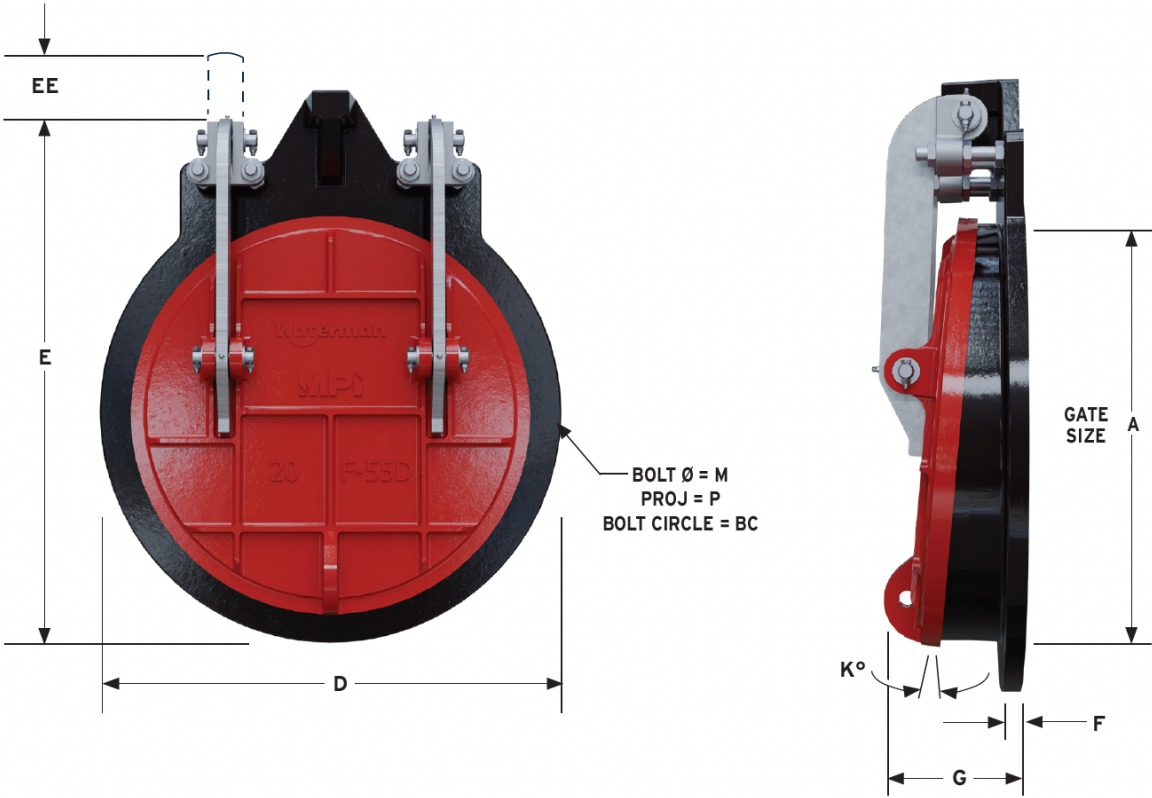


F55-D MATERIALS OF CONSTRUCTION

Number	Name	Material	Option
1	Frame	Ductile Iron per ASTM A-536, Grade 65-45-12	
2	Seat	Ductile Iron per ASTM A-536, Grade 65-45-12	Bronze Alloy
2a	Seat (on cover)	Neoprene per ASTM D-2000	
3	Cover	Ductile Iron per ASTM A-536, Grade 65-45-12	
4	Pivot Lug	Ductile Iron per ASTM A-536, Grade 65-45-12	
5	Hinge Link	Stainless Steel per ASTM A-276, Type 304	SS 316
6	Hinge Studs & Nuts	Stainless Steel per ASTM F-593, Type 304	SS 316
7	Hinge Pin	Stainless Steel per ASTM A-276, Type 304	SS 316
8	Hinge Bushing	841 Bearing Bronze, SAE30 Oil-Embedded	
9	Washers	Stainless Steel per ASTM F-593, Type 304	SS 316
10	Hex Bolt & Lock Nut	Stainless Steel per ASTM F-593, Type 304	SS 316
OPTIONAL ITEMS IF SPRING BUMPER IS SELECTED			
11	Bumper Bolt & Nut	Stainless Steel per ASTM F-593, Type 304	SS 316
12	Bumper	Reinforced Rubber	
13	Spring	Painted Steel, Type 5160H	
14	Spring Bolt	Stainless Steel per ASTM F-593, Type 304	SS 316



GATE DIMENSIONS (MODELS 6" - 108")



GATE DIMENSIONS IN INCHES																				
Gate Size A	6	8	12	14	15	16	18	20	24	30	36	42	48	54	60	66	72	84	96	108
D	11	13-1/2	19	21	22-1/2	23-1/2	25	27-1/2	32	38-1/2	45-3/4	53	59-1/2	66-1/2	73	80	86-3/4	86-3/4	113-1/4	124
E	13-1/4	15-7/8	22-5/8	24-5/8	26-3/8	26-11/16	27-7/8	30-1/2	36	42-7/8	50-1/2	58-7/16	64v3/8	73	79-1/4	85-1/2	92-7/8	92-7/8	119-1/2	132-3/8
EE	2	1-7/8	2-3/4	3- 1/8	3-1/8	3-1/2	2-7/8	3-1/8	3-1/4	3-1/4	3	4	4-3/16	4-5/8	3-13/16	4-3/4	5-1/2	5-1/2	6-5/8	7-1/4
F	3/4	3/4	7/8	7/8	7/8	7/8	7/8	1	1-3/16	1-1/8	1-1/4	1v1/2	1-1/2	1-3/4	1-3/4	2	2	2	2 1/4	2-1/2
G	4-7/16	5-7/16	6-3/8	6-1/2	6-1/2	6-11/16	7	7-1/4	7-7/8	8-7/16	10-5/16	10-7/8	9-13/16	11-1/2	13-5/16	14	14-11/16	14-11/16	19-1/4	20-9/16
K°	5	5	5	5	5	5	5	5	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2
M*	5/8	5/8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	7/8	7/8	1	1	1	11/8	11/8	11/8	11/8	11/4	11/4
P	2	2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	4	4	4-1/2	4-1/2	4-1/2	5-1/2	5-3/4	5-3/4	5-3/4	6-1/4	6v1/2
BC	9-1/2	11-3/4	17	18-3/4	20	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	82-1/2	82-1/2	108-1/2	119-1/2
No. of Bolts*	4	4	6	6	6	6	6	6	8	8	8	12	12	12	12	12	16	16	16	24
Approximate Weight (lbs)	39	60	130	144	170	187	191	231	336	529	773	1093	1352	1952	2534	2966	3920	3920	7965	10,195
Approx. Wt. of Optional Spring Bumper (lbs.)	1.8	2.6	3.2	2.9	3.2	7.1	7.5	8.1	9.5	10.4	11	12	14	26	24	28	24	50	56	73

* Bolt size and pattern are Waterman Standard. 125 lb. Standard drilling is also available.

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