

F-55D FLAP GATE

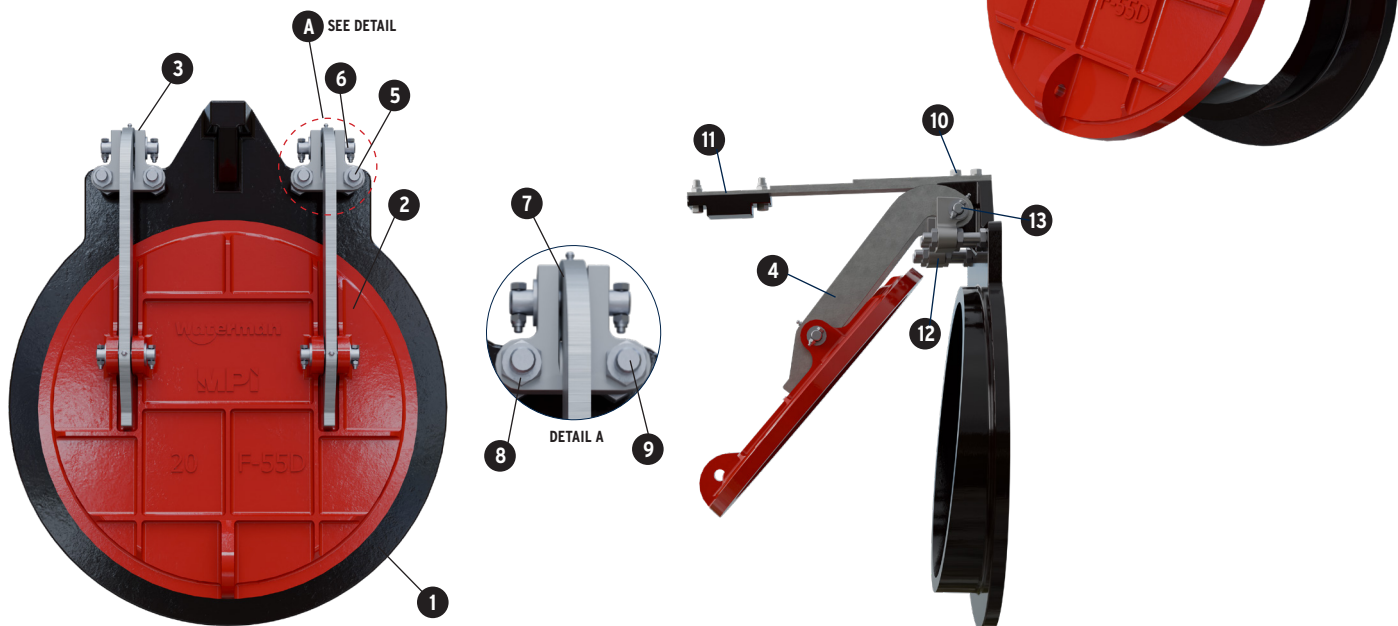
SIZES 6" TO 108", HEAVIEST DUTY, RATED UP TO 55 FEET OF SEATING HEAD



STANDARD FEATURES

- **Our highest head 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

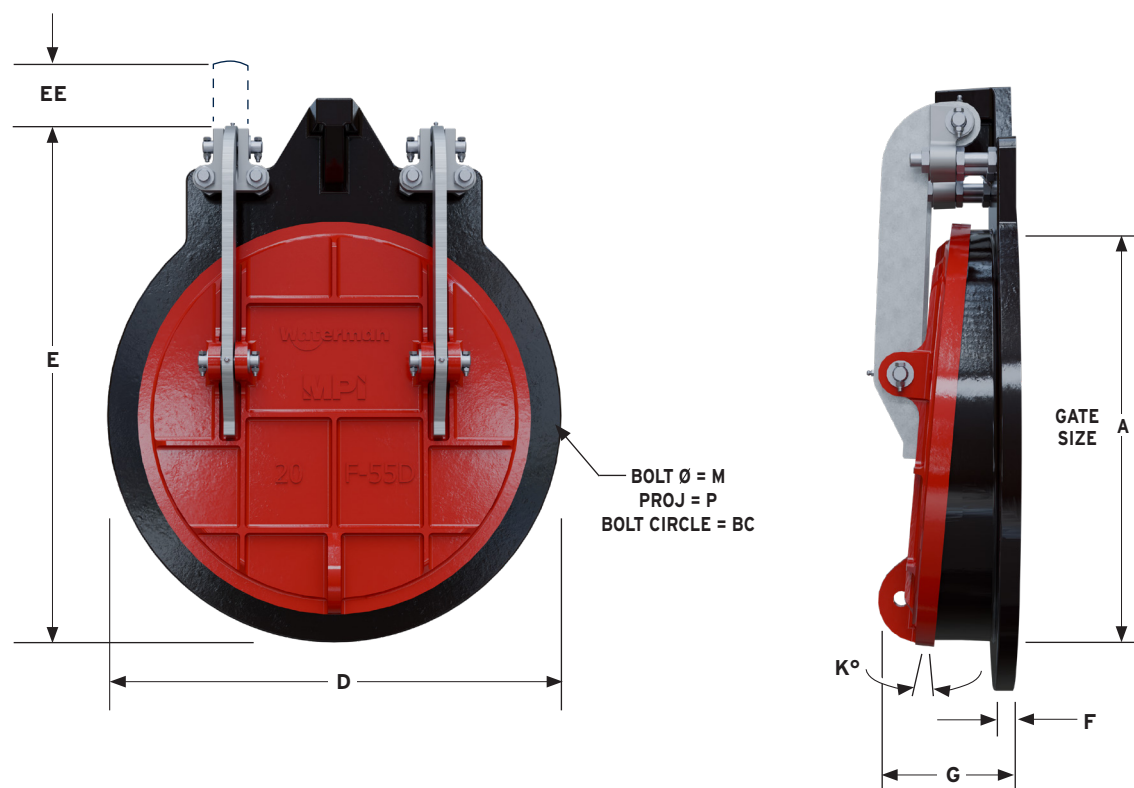
MATERIALS OF CONSTRUCTION



F-55D MATERIALS OF CONSTRUCTION			
Number	Name	Material	Option
1	Frame	Ductile Iron per ASTM A-536, Grade 65-45-12	
2	Cover	Ductile Iron per ASTM A-536, Grade 65-45-12	
3	Pivot Lug	Ductile Iron per ASTM A-536, Grade 65-45-12	
4	Hinge Link	Stainless Steel per ASTM A-276, Type 304	SS 316
5	Hinge Studs & Nuts	Stainless Steel per ASTM F-593, Type 304	SS 316
6	Hinge Pin	Stainless Steel per ASTM A-276, Type 304	SS 316
7	Hinge Bushing	841 Bearing Bronze, SAE30 Oil-Embedded	
8	Washers	Stainless Steel per ASTM F-593, Type 304	SS 316
9	Hex Bolt & Lock Nut	Stainless Steel per ASTM F-593, Type 304	SS 316
OPTIONAL ITEMS IF SPRING BUMPER IS SELECTED			
10	Bumper Bolt & Nut	Stainless Steel per ASTM F-593, Type 304	SS 316
11	Bumper	Reinforced Rubber	
12	Spring	Painted Steel, Type 5160H	
13	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	72	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	64-3/8	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	1-1/2	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	1 1/8	1 1/8	1 1/8	1 1/8	1 1/4	1 1/4
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	6-1/2
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
Aproximate 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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