

SSF-43 DRAINAGE GATE

KEY FEATURES

- Fabricated Stainless Steel
- Automatic Operation
- Standard and Custom Sizes Available
- Seating Heads up to 30 feet
- Type 304, 304L, 316 and 316L Stainless Available
- Neoprene Seat for Minimum Leakage
- Flange or Thimble Mounting Available

GENERAL SPECIFICATIONS

(See Website for Latest Detailed Written Specifications)

GENERAL:

The flap gate shall be designed to allow free outflow and prevent backflow for maximum seating heads of up to 30 feet. Gates shall be Waterman model SSF-43 or equal.

CONSTRUCTION:

The frame shall be fabricated stainless steel of flatback design, with seating surface inclined from vertical at a minimum of 2.5-degrees to insure positive closure. For flatback gates mounted to flanges or thimbles, the gate flange shall be machined and drilled to match.

The cover shall be fabricated stainless steel with reinforcing ribs, designed to withstand the seating head specified. A lifting eye shall be provided for manual lifting of the cover.

Seating surfaces for frame and cover shall be neoprene "J seal" with stainless steel retainer.

The gate shall be provided with a double-pivoted hinge linkage so designed to permit complete seating, full opening and with stops or other arrangement to keep the cover from rotating sufficiently to become wedged in the open position. The hinge links shall be bronze brushed stainless steel.

All assembly hardware shall be stainless steel.

MATERIALS AVAILABLE:

Frame and Cover: Stainless Steel per ASTM A-276, ASTM A-240, type 304, type 304L, type 316, type 316L

Pivot Lug: Stainless Steel per ASTM A-276, ASTM A-240, type 304, type 304L, type 316, type 316L

Hinge Link: Stainless Steel per ASTM A-276, ASTM A-240, type 304, type 304L, type 316, type 316L

Bushings and Washers: Commercial Bronze or Stainless Steel

Assembly Hardware and Pins: Stainless Steel per ASTM A-276, ASTM F-593, type 304, type 316

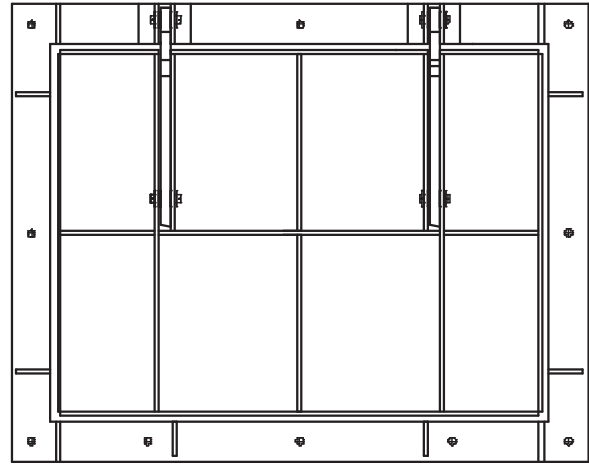
RECOMMENDED MAXIMUM SEATING HEADS:

8" to 30" size: 30 feet of head

36" to 42" size: 20 feet of head

48" to 60" size: 15 feet of head

66" to 84" size: 10 feet of head



Waterman Valve LLC 25500 Road 204 Exeter, California 93221 USA
Tel: 1-(559) 562-4000 Fax: 1-(559) 562-2277 www.WatermanUSA.com

A McWane Company 

revised 2/2020