

159XU

Swing Check Valve

Class 300

Features & Benefits

- Cast Steel, bolted cap and flanged
- Swing check valves prevent reversal of flow through the pipeline
- Can be installed in horizontal or vertical, upward flow piping
- Offer low resistance to flow and are particularly suited to low velocity service
- Seat ring is seal welded to eliminate leak paths

Materials

PART	MATERIAL
Body	A216 WCB
Bonnet	A216 WCB
Seat Ring	Hardfaced
Disc	13% CR Overlay
Hinge	WCB
Pins, Hinge	410 SS
Cap Screw	A307 Gr. B
Cap Gasket	Spiral Wound
Cap Studs	A193 Gr. B7
Cap Nuts	A194 Gr. 2H
ID Tags	SS
ID Pins	Steel

Dimensions & Weights

SIZE (inch)	WEIGHT (lbs)	A (inch)	B VALVE OPEN (inch)
2	46	10.50	6.75
2½	66	11.50	7.38
3	86	12.50	8.50
4	154	14.00	9.25
6	276	17.50	11.88
8	420	21.00	13.38
10	640	24.50	13.88
12	1000	28.00	16.62
14	1550	33.00	18.88
16	1700	34.00	20.50
18	2200	38.50	23.62
20	2800	44.00	26.38
24	3650	53.00	29.62

SIZE RANGE: 2 - 24 inches

PRESSURE RATING: Class 300

Carbon Steel

ASTM A216 Grade WCB

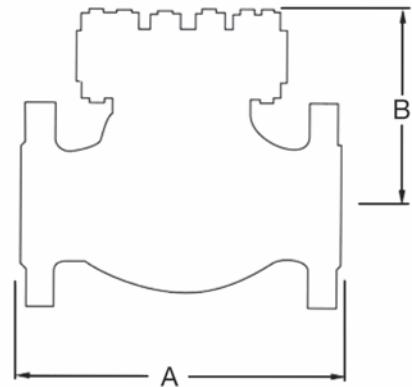
740 psi @ -20°F to 100°F

SPECIFICATION: Swing check valves prevent reversal of flow through pipelines.

Most Crane FS swing check valves can be installed in horizontal or vertical upward flow piping. They offer low resistance to flow and are particularly suited to low velocity service.



Dimensional Drawing



Industry Standards

STEEL VALVES	ANSI B16.34
FACE-TO-FACE/END-TO-END	ANSI B16.10
FLANGE DIMENSIONS	ANSI B16.5
TESTING	API 598
ACCEPTANCE	API RP591

Intermediate pressure ratings shall be determined by interpolation.