

159XU Class 300

Cast Steel • Bolted Cap • Flanged

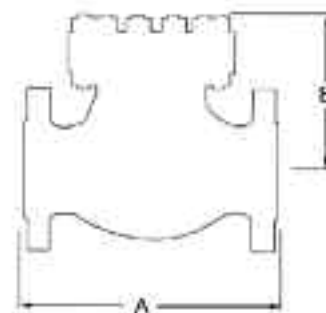
- Swing check valves prevent reversal of flow through the pipeline
- Can be installed in horizontal or vertical, upward flow piping
- Offer low resistance to flow and are particularly suited to low velocity service
- Seat ring is seal welded to eliminate leak paths

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



Dimensional Drawing



Dimensions & Weights

SIZE (inch)	WEIGHT (lbs)	A (inch)	B Valve Open (inch)
2	46	10.50	6.75
2 ¹ / ₂	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

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

SIZE RANGE: 2 - 24 inches

PRESSURE RATING: Class 300

Carbon Steel
ASTM A216 Grade WCB
285 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.

Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Crane Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.