

147XU

Class 150

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

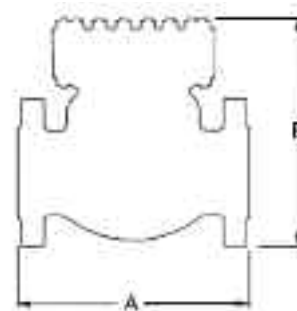
Materials

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



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Dimensional Drawing



Dimensions & Weights

SIZE (inch)	WEIGHT (lbs)	A (inch)	B Valve Open (inch)
2	33	8.00	6.75
2 ¹ / ₂	57	8.50	7.12
3	59	9.50	7.38
4	93	11.50	8.50
6	165	14.00	10.25
8	275	19.50	11.88
10	440	24.50	13.88
12	680	27.50	15.75
14	950	31.00	17.75
16	1225	34.00	19.00
18	1700	38.50	21.25
20	1850	38.50	23.58
24	2900	51.00	26.75

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 150

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.

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