

# 147XU

## Cast Steel Swing Check Valve

Class 150

147XU



GENERAL VALVES

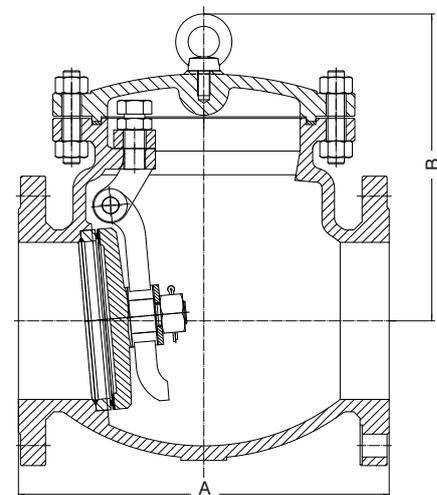
### Features & Benefits

- 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
Cap	A216 WCB
Seat Ring	Hardfaced
Disc	13% CR Overlay
Hinge	WCB
Pins, Hinge	410 SS
Disc Washer	Steel
Cap Gasket	ASTM A276 304 + Graphite
Cap Studs	A193 Gr. B7
Cap Nuts	A194 Gr. 2H
ID Tags	SS
ID Pins	Steel

### Dimensional Drawing



### Dimensions & Weights

SIZE (inch)	WEIGHT (kg)	A (mm)	B VALVE OPEN (mm)
2	15	203	150
2½	21	216	167
3	28	241	178
4	41	292	233
6	72	356	297
8	122	495	334
10	179	622	395
12	282	698	451
14	401	787	477
16	510	864	545
18	638	978	582
20	717	978	627
24	1162	1295	980

### Industry Standards

PRESSURE/TEMPERATURE	ANSI B16.34
FACE-TO-FACE/END-TO-END	ANSI B16.10
FLANGE DIMENSIONS	ANSI B16.5
TESTING	API 598
DESIGN	API 594

Intermediate pressure ratings shall be determined by interpolation.

**SIZE RANGE:** 2 - 24 inches

**PRESSURE RATING:** Class 150

Carbon Steel

ASTM A216 Grade WCB

19.6 Bar / -29 to 38°C

5.5 Bar / 425°C

**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.