

## 47XU-F

Cast Steel Gate Valve

Class 150

### Features & Benefits

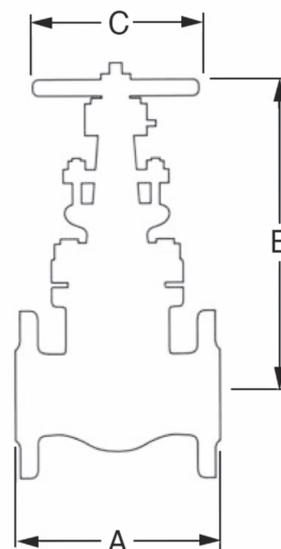
- Efficient stop valves with flow in either direction
- Commonly used where a minimum pressure drop is important
- Flexible wedge disc compensates for deformation of body due to pipe stress
- Outside screw and yoke
- Flanged
- Seat ring is seal welded to eliminate leak paths

### Materials

PART	MATERIAL
Body	A216 WCB
Bonnet	A216 WCB
Seat Rings	Hardfaced
Disc	CA-15 or 13% CR Overlay
Stem	410 SS
Packing	Graphite
Bonnet Gasket	Soft Iron
Back Seat	410 SS
Yoke Sleeve	D2 Ni-Resist
Retaining Nut	Malleable or Steel
Gland	Steel
Gland Flange	Steel
Eye Bolt	Steel
Eye Bolt Nuts	Steel
Pins	Steel
Bonnet Studs	A193 Gr. B7
Bonnet Nuts	A194 Gr. 2H
Handwheel	Malleable, Ductile or Steel
Handwheel Nut	Ductile or Steel
ID Tags	SS
ID Pins	Steel
Spacer	Steel
Grease Fittings	Steel



### Dimensional Drawing



### Dimensions & Weights

SIZE (inch)	WEIGHT (lbs)	A (inch)	B VALVE OPEN (inch)	C (inch)
2	46	7.00	16.50	8.00
2 1/2	70	7.50	18.00	8.00
3	76	8.00	21.00	9.00
4	110	9.00	23.00	10.00
6	175	10.50	31.00	12.00
8	310	11.50	39.00	14.00
10	455	13.00	46.75	16.00
12	650	14.00	55.00	18.00
14	860	15.00	60.50	20.00
16	1120	16.00	68.50	20.00
18	1400	17.00	77.50	23.62
20	2125	18.00	84.00	23.62
24	3120	20.00	99.00	28.35

### Industry Standards

STEEL VALVES	ANSI B16.34
FACE-TO-FACE/END-TO-END	ANSI B16.10
FLANGE DIMENSIONS	ANSI B16.5
BASIC DESIGN	API 600
TESTING	API 598
ACCEPTANCE	API RP591

Intermediate pressure ratings shall be determined by interpolation.

**SIZE RANGE:** 2 - 24 inches    **PRESSURE TEMPERATURE RATING:** Class 150

Carbon Steel  
ASTM A216 Grade WCB  
285 psi @ -20°F to 100°F

Valid as of 01/04/12

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