

143XU

Cast Steel Globe Valve

Class 150

143XU



GENERAL VALVES

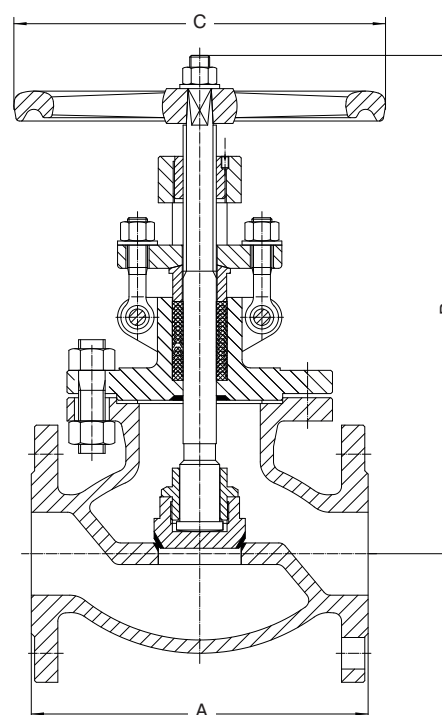
Features & Benefits

- Ideal for throttling service
- Flow characteristics permit accurate and repeatable flow control
- Seat ring is seal welded to eliminate leak paths
- Outside screw & yoke
- Bolted bonnet

Materials

PART	MATERIAL
Body	A216 WCB
Bonnet	A216 WCB
Seat Rings	Hardfaced
Disc	ASTM A105 + STL
Stem	ASTM A182 F6a Cl. 2. This is equivalent to SS410
Packing	ASTM A276 304 + Graphite
Bonnet Gasket	ASTM A276 304 + Graphite
Back Seat	410 SS
Disc Stem Nut	Steel
Disc Washer	Carbon Steel
Gland	410 SS
Gland Flange	WCB
Eye Bolt	Steel
Eye Bolt Nuts	Steel
Pins	-
Bonnet Studs	A193 Gr. B7
Bonnet Nuts	A194 Gr. 2H
Handwheel	ASTM A536 65-45-12
Handwheel Nut	A194 Gr. 2H
ID Tags	SS
ID Pins	Steel

Dimensional Drawing



Dimensions & Weights

SIZE (inch)	WEIGHT (kg)	A (mm)	B VALVE OPEN (mm)	C (mm)
2	17.4	203	327	200
2 1/2	24	216	366	240
3	31.8	241	418	240
4	44.6	292	446	280
6	88	406	590	400
8	143	495	702	450
10	233	622	983	440
12	268	698	1190	540

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 623

Intermediate pressure ratings shall be determined by interpolation.

SIZE RANGE: 2 - 12 inches **PRESSURE TEMPERATURE RATING:** Class 150

Sizes 10" and 12" are Carbon Steel
 Gearbox operated ASTM A216 Grade WCB
 19.6 Bar / -29 to 38°C
 5.5 Bar / 425°C

Valid as of 250620

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