



Shield - Bronze O S & Y Gate Valves, Threaded

UL Listed.

▲ Model: SDOSY-T

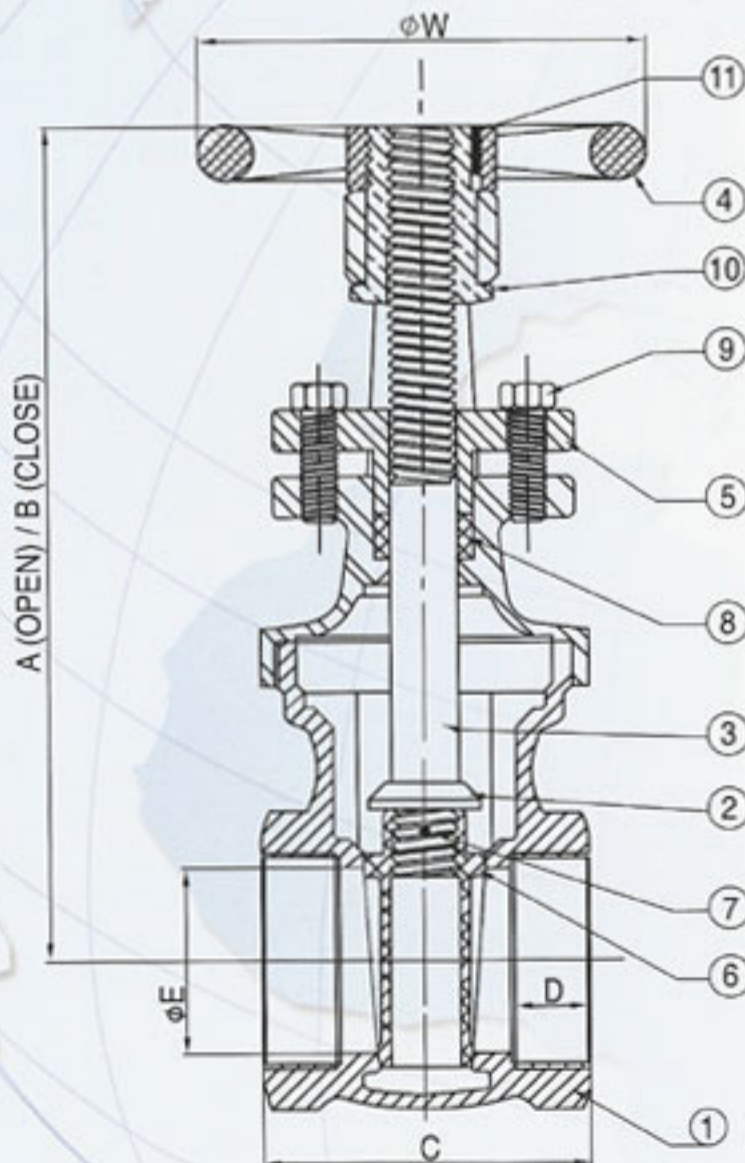
These UL Listed valves are manufactured in accordance with the Standard UL 262 Gate Valves for Fire Protection Service. They are intended to be installed in accordance with the National Fire Protection association Standards, NFPA 13, 14 and 15.

These valves utilize ASTM B62 C83600 cast bronze for body, bonnet, disc and packing gland. ASTM B271 C86700 brass alloy for the stem, and ASTM B584 C84400 cast bronze for the yoke sleeve. The hand wheel is made of ASTM A48 class 30 cast iron.

This valve is ideal for use of water piping in the fire protection service, in accordance with the Standard for the installation of Sprinkler System, NFPA 13, 14, and 15.

The rated pressure is 175 psi, the leakage test pressure, both at the seat and body are 350 psi which is, twice the rated pressure. Hydrostatic test pressure is 875 psi, which is 5 times the rated pressure.

• Wall Thickness Comply to ANSI B16-15, Threads to ANSI B1.20-1.



Materials List

No.	Part Name	Material
1	Body	Bronze C83600
2	Bonnet	Bronze C83600
3	Stem	B-371 Alloy C69400
4	Handwheel	Cast Iron
5	Packing Gland	Bronze C83600
6	Disc	Bronze C83600
7	Disc PIN	Brass
8	Gland Packing	Graphite
9	Stud	Steel
10	Yoke Bushing	Brass
11	Set Screw	Steel

Dimensions & Weights

Unit : mm(inch)

Size	A	B	C	φE	φW	CV	D
3/4"	170.5	140.5	56.0	20.0	71.0	32.0	14.5
1"	195.0	158.5	66.0	25.0	71.0	54.0	18.0
1-1/4"	221.0	177.0	73.0	32.0	93.0	97.0	18.5
1-1/2"	243.0	196.0	79.0	37.5	93.0	135.0	19.5
2"	271.0	219.0	88.0	50.0	102.0	230.0	21.0