

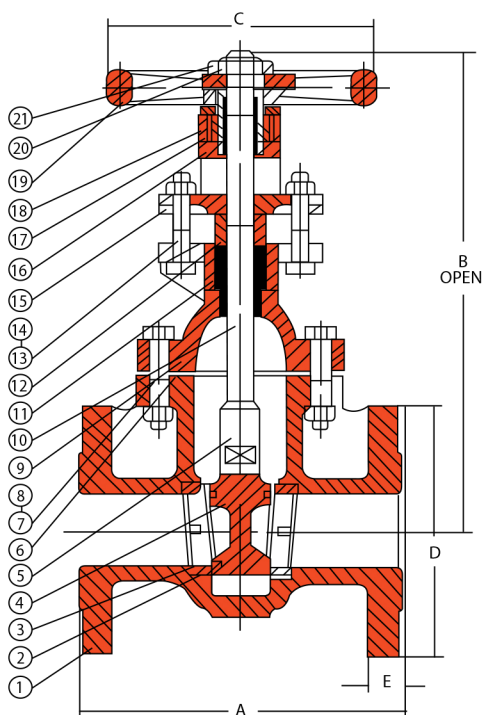


OS & Y Gate Valve, Rising Stem



OS&Y125 CLASS 125LB FLANGE

OS&Y150 CLASS 150LB FLANGE



Dimensions (mm)

Size	A	B	C	D	E
2"	178	349	178	152	16
2 1/2"	191	391	178	178	17
3"	203	454	203	191	19
4"	229	562	254	229	24
5"	254	660	254	254	24
6"	267	781	305	279	25
8"	292	930	356	343	29
10"	330	1184	406	406	30
12"	356	1391	457	483	32
14"	381	1640	508	533	32
16"	406	1804	558	597	36
18"	432	2090	610	635	40
20"	457	2490	610	699	43
24"	508	2960	762	813	48

Flanged to	Class 125	Class 150	Class 250-300	Class 600
Working Pressure (psi)	175	250	-	-
Shell Test Pressure (psi) water	200	315	-	-
Shell Test Pressure (psi) air	80	80	-	-

No	Part	Material	Standard
1	Body	Cast Iron/Cast Steel	ASTM A126 CLASS B
2	Seat Ring	Cast Bronze	ASTM B62
3	Wedge Face Ring	Cast Bronze	ASTM B62
4	Wedge	Cast Iron	ASTM A126 CLASS B
5	Stem	Brass	ASTM B-16
6	Body Gasket	Graphite	
7	Bolt	Steel	ASTM A307-B
8	Nut	Steel	ASTM A307-B
9	Bonnet	Cast Iron	ASTM A126 CLASS B
10	Backseat Bushing	Cast Brass	ASTM B584
11	Packing	Graphite	
12	Packing Gland	Cast Brass	ASTM B584
13	Gland Follower Bolt	Steel	ASTM A307-B
14	Gland Follower Nut	Steel	ASTM A307-B
15	Gland Follower	Ductile Iron	ASTM A536 65-45-12
16	Yoke Bushing	Cast Bronze	ASTM B62
17	Yoke Bushing Nut	Cast Iron	ASTM A126 CLASS B
18	Screw	Steel	ASTM A307B
19	Handwheel	Cast Iron	ASTM A126 CLASS B
20	Identification Plate	Aluminium	
21	Handwheel Nut	Ductile Iron	ASTM A536 65-45-12

- ▲ The Valves are designed and manufactured according to AWWA standards and other international standards.
- ▲ Flange shape and drilling to specification ANSI B16.10
- ▲ Face to face dimensions confirm to ANSI B16.10
- ▲ Suitable media: Water, Oil, Gas, Fire Fighting
- ▲ Available in all Iron - upon request
- ▲ Working temperature : <425 °C





OS & Y Gate Valve, Rising Stem



SD-OS&Y250 CLASS 250LB FLANGE

Dimensions (mm)

Size	A	B	C	D	E
2"	216	406	178	165	22
2 1/2"	241	454	203	191	25
3"	283	510	254	209	29
4"	305	680	300	254	32
5"	381	790	300	279	35
6"	403	857	406	318	37
8"	419	1150	432	381	41
10"	457	1372	508	445	48
12"	502	1378	508	521	51

Flanged to	Class 125	Class 150	Class 250-300	Class 600
Working Pressure (psi)	-	-	600	1000
Shell Test Pressure (psi) water	-	-	815	1630
Shell Test Pressure (psi) air	-	-	80	80

No	Part	Material	Standard
1	Body	Cast Iron/Cast Steel	ASTM A126 CLASS B
2	Seat Ring	Cast Bronze	ASTM B62
3	Wedge Face Ring	Cast Bronze	ASTM B62
4	Wedge	Cast Iron	ASTM A126 CLASS B
5	Stem	Brass	ASTM B16
6	Body Gasket	Graphite	
7	Bolt	Steel	ASTM A307-B
8	Nut	Steel	ASTM A307-B
9	Bonnet	Cast Iron	ASTM A126 CLASS B
10	Backseat Bushing	Cast Brass	ASTM B584
11	Packing	Graphite	
12	Packing Gland	Cast Brass	ASTM B584
13	Gland Follower Bolt	Steel	ASTM A307-B
14	Gland Follower Nut	Steel	ASTM A307-B
15	Gland Follower	Ductile Iron	ASTM A536 65-45-12
16	Yoke Bushing	Cast Bronze	ASTM B62
17	Yoke Bushing Nut	Cast Iron	ASTM A126 CLASS B
18	Screw	Steel	ASTM A307B
19	Handwheel	Cast Iron	ASTM A126 CLASS B
20	Identification Plate	Aluminium	
21	Handwheel Nut	Ductile Iron	ASTM A536 65-45-12

- ▲ The Valves are designed and manufactured according to AWWA standards and other international standards.
- ▲ Flange shape and drilling to specification ANSI B16.5
- ▲ Face to face dimensions confirm to ANSI B16.5
- ▲ Suitable media: Water, Oil, Gas, Fire Fighting
- ▲ Available in all Iron - upon request
- ▲ Working temperature : <425 °C

