

Cast steel OS&Y Gate Valve to ANSI CLASS 600, 2"~4"

Series GTF CL600

Features

- Cast steel body construction providing liberal strength to meet most conditions
- Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
- Single flexible wedge disc compensates for deformation of body due to pipe stresses
- Seal welded seat ring eliminates leak path behind rings and for long trouble-free service
- Available in flanged end connection; butt weld end also available

PMA: 1480 psi@34°F

TMA: 842°F

Selection:

Material of Body:
ASTM A216 WCB

Standards

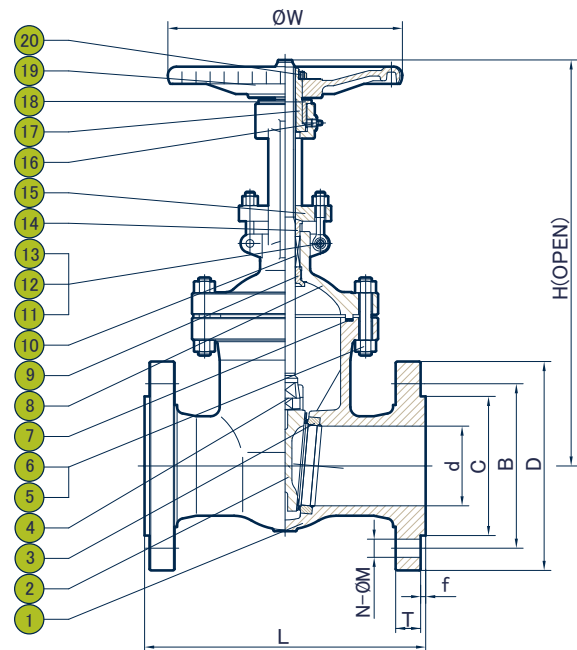
- Basic design to API 600
- Face-to-Face acc. to ASME B16.10
- Flange Dimensions acc. to ASME B16.5
- Inspection & test according to API598

Note

- For non-horizontal installation, please ensure to consult with us separately, as special request must be generated to ensure proper function.

Materials List		
No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105 +13Cr
3	WEDGE	ASTM A216 WCB +13Cr
4	STEM	ASTM A182 F6a
5	BONNET NUT	ASTM A194 2H
6	BONNET BOLT	ASTM A193 B7
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	ASTM A216 WCB
9	BACKSEAT BUSHING	ASTM A182 F6a
10	STEM PACKING	FLEXIBLE GRAPHITE
11	PIN	AISI 1025
12	GLAND EYEBOLT	ASTM A193 B7
13	GLAND NUT	ASTM A194 2H
14	GLAND	ASTM A182 F6a
15	GLAND FLANGE	ASTM A216 WCB
16	NIPPLE	COOPER ALLOY
17	STEM NUT	ASTM A439 D2
18	RETAINING NUT	AISI 1025
19	HANDWHEEL	DUCTILE IRON
20	LOCK NUT	AISI 1025

* Enclosed is a condensed table. For complete options, contact PVS FLOW CONTROL directly.



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	Weight kg
DN	IN												
50	2"	51	165	127	92	200	292	445	26	6.4	8	19	29
65	2½"	64	190	149	105	250	330	500	29	6.4	8	22	44
80	3"	76	210	168	127	280	356	560	32	6.4	8	22	54
100	4"	102	273	216	157	300	432	665	38	6.4	8	25	102

Cast steel OS&Y Gate Valve to ANSI CLASS 600, 6"~12"

Series GTF CL600

Features

- Cast steel body construction providing liberal strength to meet most conditions
- Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
- Single flexible wedge disc compensates for deformation of body due to pipe stresses
- Seal welded seat ring eliminates leak path behind rings and for long trouble-free service
- Available in flanged end connection; butt weld end also available

PMA: 1480 psi@34°F

TMA: 842°F

Selection:

Material of Body:
ASTM A216 WCB

Standards

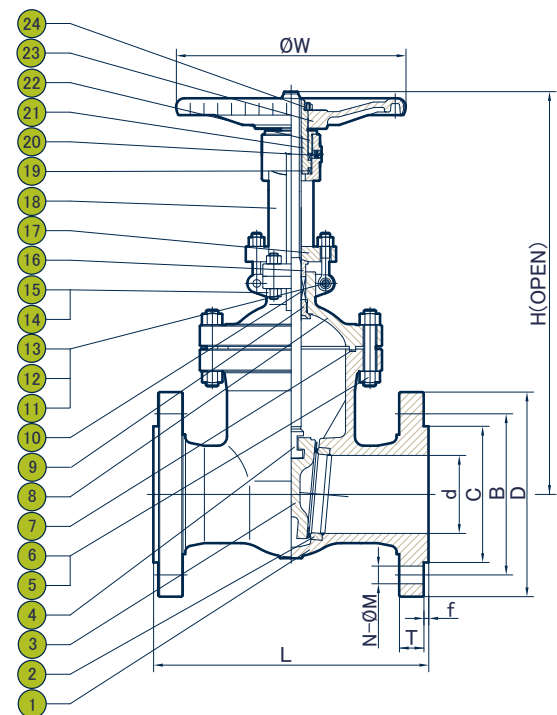
- Basic design to API 600
- Face-to-Face acc. to ASME B16.10
- Flange Dimensions acc. to ASME B16.5
- Inspection & test according to API598

Note

- For non-horizontal installation, please ensure to consult with us separately, as special request must be generated to ensure proper function.

Materials List		
No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105 +13Cr
3	WEDGE	ASTM A216 WCB +13Cr
4	STEM	ASTM A182 F6a
5	BONNET NUT	ASTM A194 2H
6	BONNET BOLT	ASTM A193 B7
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	ASTM A216 WCB
9	BACKSEAT BUSHING	ASTM A182 F6a
10	STEM PACKING	FLEXIBLE GRAPHITE
11	PIN	AISI 1025
12	GLAND EYEBOLT	ASTM A193 B7
13	GLAND NUT	ASTM A194 2H
14	YOKE BOLT	ASTM A193 B7
15	YOKE NUT	ASTM A194 2H
16	GLAND	ASTM A182 F6a
17	GLAND FLANGE	ASTM A216 WCB
18	YOKE	ASTM A216 WCB
19	BEARING	ALLOY STEEL
20	NIPPLE	COOPER ALLOY
21	STEM NUT	ASTM A439 D2
22	RETAINING NUT	AISI 1025
23	HANDWHEEL	DUCTILE IRON
24	LOCK NUT	AISI 1025

* Enclosed is a condensed table. For complete options, contact PVS FLOW CONTROL directly.



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	Weight kg
DN	IN												
150	6"	152	356	292	216	450	559	870	48	6.4	12	29	203
200	8"	200	419	349	270	500	660	1075	56	6.4	12	32	310
250	10"	248	508	432	324	600	787	1265	64	6.4	16	35	680
300	12"	298	559	489	381	700	838	1600	67	6.4	20	35	880