

API600 FLANGED END GATE VALVE

Model : Series GTF Class 600, NPS 2"~4"

• Features:

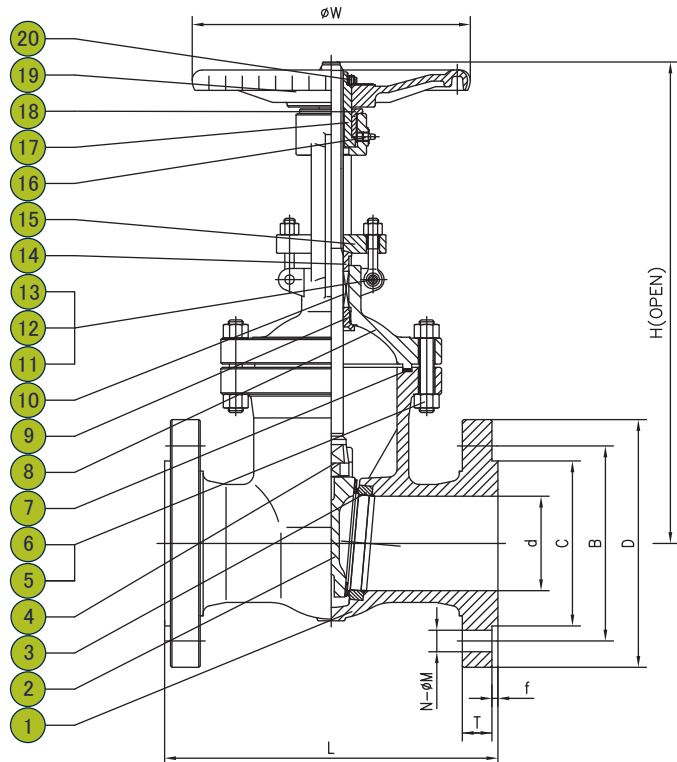
- Cast steel body construction providing liberal strength to meet most conditions
- Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
- Single flexible wedge disc compensates for deformation of body due to pipe stresses
- Seal welded seat ring eliminates leak path behind rings and for long trouble-free service
- Available in flanged end connection; butt weld end also available
- 100% tested according to API 598

• Standards

- Design to ASME B16.34
- Face-to-Face/End-to-End: ASME B16.10
- Flange Dimensions: ASME B16.5
- Weld End: ASME B.16.25
- Basic Design: API 600

MATERIALS LIST:

NO.	PART NAME	MATERIAL
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	NIPLLE	COOPER ALLOY
17	STEM NUT	ASTM A439 D2
18	RETAINING NUT	AISI 1025
19	HANDWHEEL	DUCTILE IRON
20	LOCK NUT	AISI 1025



Dimensions (mm):

SIZE		d	D	B	C	W	L	H	T	f	N	M
in	DN											
2"	15	51	165	127	92	200	292	445	26	6.4	8	19
2-1/2"	65	64	190	149	105	250	330	500	29	6.4	8	22
3"	80	76	210	168	127	280	356	560	32	6.4	8	22
4"	100	102	273	216	157	300	432	665	38	6.4	8	25

API600 FLANGED END GATE VALVE

Model : Series GTF Class 600, NPS 6" ~ 12"

• Features:

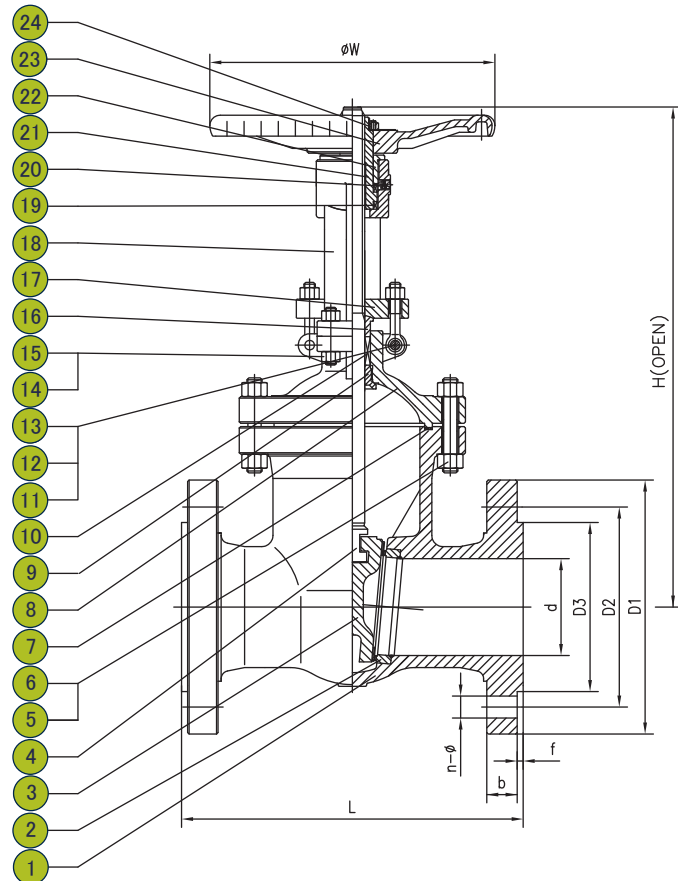
- Cast steel body construction providing liberal strength to meet most conditions
- Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
- Single flexible wedge disc compensates for deformation of body due to pipe stresses
- Seal welded seat ring eliminates leak path behind rings and for long trouble-free service
- Available in flanged end connection; butt weld end also available
- 100% tested according to API 598

• Standards

- Design to ASME B16.34
- Face-to-Face/End-to-End: ASME B16.10
- Flange Dimensions: ASME B16.5
- Weld End: ASME B.16.25
- Basic Design: API 600

MATERIALS LIST:

NO.	PART NAME	MATERIAL
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



Dimensions (mm):

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

Copyright © 2015 by DIE ERSTE INDUSTRY CO., LTD. Series GTF 4.0

Due to continuous development of the products, dimension and information contained in the document as required without notice. For specific performance data and proper material selection, please consult with your DIE ERSTE representatives