

Cast steel OS&Y Gate Valve to DIN PN16-F4, DN50~DN200

Series GTF PN16-F4

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: 16 barg@50°C

TMA: 425°C

Selection:

Material of Body:
DIN 17245 GS-C25

Standards

- Basic design to DIN 3352
- Face-to-Face acc. to DIN 3202-F4
- Flange Dimensions acc. to DIN 2543
- Inspection & test according to EN 12266-1

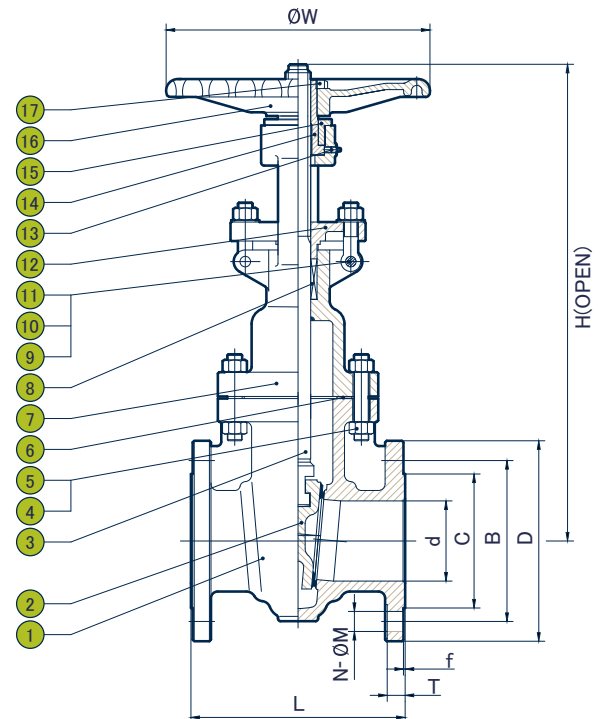
Note

- 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	DIN 17245 GS-C25 + 13Cr
2	WEDGE	DIN 17245 GS-C25 + 13Cr
3	STEM	ASTM A182 F6a
4	BONNET BOLT	ASTM A193 B7
5	BONNET NUT	ASTM A194 2H
6	GASKET	SS304+FLEXIBLE GRAPHITE
7	BONNET	DIN 17245 GS-C25
8	STEM PACKING	FLEXIBLE GRAPHITE
9	GLAND EYEBOLT	ASTM A193 B7
10	GLAND NUT	ASTM A194 2H
11	PIN	AISI 1025
12	GLAND FLANGE	DIN 17245 GS-C25
13	NIPPLE	COPPER ALLOY
14	STEM NUT	ASTM A439 D2
15	RETAINING NUT	AISI 1025
16	HANDWHEEL	DUCTILE IRON
17	LOCK NUT	AISI 1025

* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.



1

DIE ERSTE reserves the right to change product design and specifications without notice.
Copyright © 2023 by DIE ERSTE INDUSTRY CO., LTD.

Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M
DN	IN											
50	2"	50	165	125	102	200	150	410	18	3	4	18
65	2½"	65	185	145	122	220	170	462	18	3	4	18
80	3"	80	200	160	138	250	180	518	20	3	8	18
100	4"	100	220	180	158	280	190	605	20	3	8	18
125	5"	125	250	210	188	300	200	678	22	3	8	18
150	6"	150	285	240	212	300	210	798	22	3	8	22
200	8"	200	340	295	268	350	230	985	24	3	12	22

Cast steel OS&Y Gate Valve to DIN PN16-F4, DN250~DN600

Series GTF PN16-F4

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: 16 barg@50°C

TMA: 425°C

Selection:

Material of Body:
DIN 17245 GS-C25

Standards

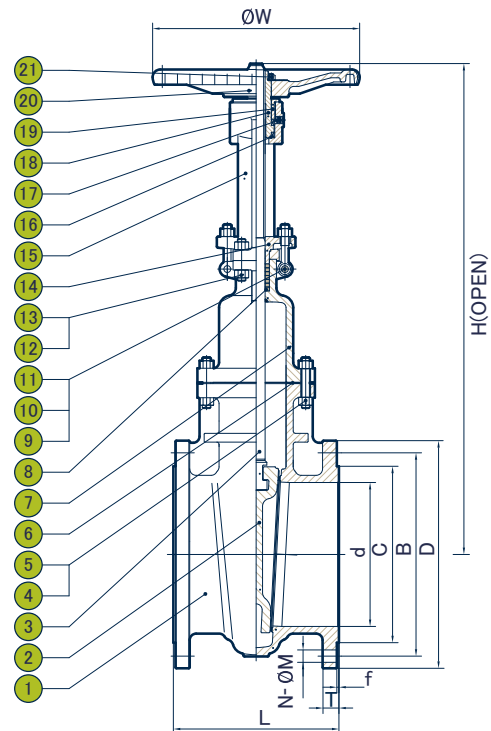
- Basic design to DIN 3352
- Face-to-Face acc. to DIN 3202-F4
- Flange Dimensions acc. to DIN 2543
- Inspection & test according to EN 12266-1

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	DIN 17245 GS-C25 + 13Cr
2	WEDGE	DIN 17245 GS-C25 + 13Cr
3	STEM	ASTM A182 F6a
4	BONNET BOLT	ASTM A193 B7
5	BONNET NUT	ASTM A194 2H
6	GASKET	SS304+FLEXIBLE GRAPHITE
7	BONNET	DIN 17245 GS-C25
8	STEM PACKING	FLEXIBLE GRAPHITE
9	GLAND EYEBOLT	ASTM A193 B7
10	GLAND NUT	ASTM A194 2H
11	PIN	AISI 1025
12	YOKE BOLT	ASTM A193 B7
13	YOKE NUT	ASTM A194 2H
14	GLAND FLANGE	DIN 17245 GS-C25
15	YOKE	DIN 17245 GS-C25
16	BEARINGS	ALLOY STEEL
17	NIPPLE	COPPER ALLOY
18	STEM NUT	ASTM A439 D2
19	RETAINING NUT	AISI 1025
20	HANDWHEEL	DUCTILE IRON
21	LOCK NUT	AISI 1025

* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.



DIE ERSTE reserves the right to change product design and specifications without notice. Copyright © 2023 by DIE ERSTE INDUSTRY CO., LTD.

Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M
DN	IN											
250	10"	250	405	355	320	400	250	1114	26	3	12	26
300	12"	300	460	410	378	450	270	1340	28	4	12	26
350	14"	350	520	470	438	500	290	1550	30	4	16	26
400	16"	400	580	525	490	550	310	1700	32	4	16	30
500	20"	500	715	650	610	700	350	2110	36	4	20	33
600	24"	600	840	770	725	700	390	2540	40	5	20	36

Cast steel OS&Y Gate Valve to DIN PN16-F4, DN700~DN1000

Series GTF PN16-F4

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: 16 barg@50°C

TMA: 425°C

Selection:

Material of Body:
DIN 17245 GS-C25

Standards

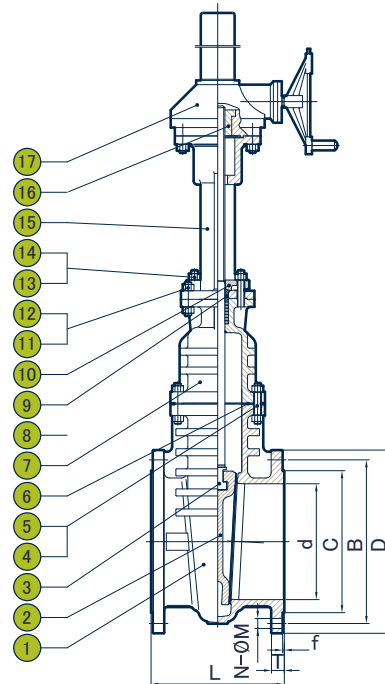
- Basic design to DIN 3352
- Face-to-Face acc. to DIN 3202-F4
- Flange Dimensions acc. to DIN 2543
- Inspection & test according to EN 12266-1

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	DIN 17245 GS-C25 + 13Cr
2	WEDGE	DIN 17245 GS-C25 + 13Cr
3	STEM	ASTM A182 F6a
4	BONNET BOLT	ASTM A193 B7
5	BONNET NUT	ASTM A194 2H
6	GASKET	SS304+FLEXIBLE GRAPHITE
7	BONNET	DIN 17245 GS-C25
8	STEM PACKING	FLEXIBLE GRAPHITE
9	GLAND	ASTM A182 F6a
10	GLAND FLANGE	DIN 17245 GS-C25
11	BOLT	ASTM A193 B7
12	NUT	ASTM A194 2H
13	YOKE BOLT	ASTM A193 B7
14	YOKE NUT	ASTM A194 2H
15	YOKE	DIN 17245 GS-C25
16	STEM NUT	ASTM A439 D2
17	GEAR BOX	COMPONENTS

* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.



Dimensions (mm)

Size		d	D	B	C	L	T	f	N	M
DN	IN									
700	28"	700	910	840	795	430	42	5	24	36
800	32"	800	1025	950	900	470	42	5	24	39
900	36"	900	1125	1050	1000	510	44	5	28	39
1000	40"	1000	1255	1170	1115	550	46	5	28	42