

Cast Steel OS&Y Globe Valve to ANSI CLASS 300, 2"~6"

Series GBF-CL300

Features

- Cast steel body construction providing liberal strength to meet most conditions
- Integral yoke & bonnet; outside screw & yoke, bolted bonnet
- Integral body seat ring eliminates leak path behind rings and for long trouble-free service
- Available in flanged end connection; butt weld ends also available
- EN10204-3.1 Material certificate available

PMA: 740 psi@34°F

TMA: 842°F

Selection:

Material of Body:
ASTM A216 WCB

Standards

- Basic design to ASME BS 1873
- Face-to-face acc. to ASME B16.10
- End flange dimension acc. to ASME B16.5
- Inspection & test acc. to API 598

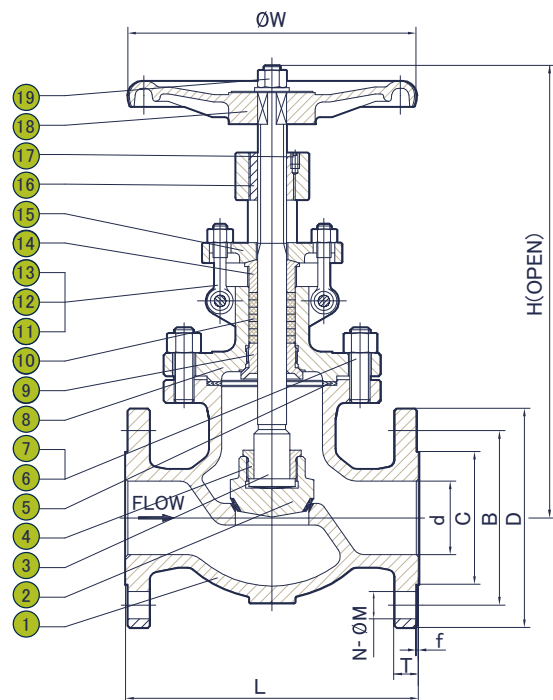
Note

- 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 + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DICS BONNET	AISI 1025
5	GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET BOLT	ASTM A193 B7
7	BONNET NUT	ASTM A194 2H
8	BONNET	ASTM A216 WCB
9	BACKSEAT BUSHING	ASTM A182 F6a
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND EYEBOLT	ASTM A193 B7
12	GLAND NUT	ASTM A194 2H
13	PIN	AISI 1025
14	GLAND	ASTM A182 F6a
15	GLAND FLANGE	ASTM A216 WCB
16	STEM NUT	COPPER ALLOY
17	GRUP SCREW	CARBON STEEL
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	ASTM A194 2H

* 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
IN	DN												
2"	50	51	165	127	92	200	267	398	23	1.6	8	19	21
2½"	65	64	190	149	105	220	292	436	26	1.6	8	22	30
3"	80	76	210	168.5	127	250	318	462	29	1.6	8	22	38
4"	100	102	254	200	157	300	356	560	32	1.6	8	22	59
5"	125	127	279	235	186	350	400	620	35	1.6	8	22	110
6"	150	152	318	270	216	400	444	694	37	1.6	12	22	111

Cast Steel OS&Y Globe Valve to ANSI CLASS 300, 8"~12"

Series GBF-CL300

Features

- Cast steel body construction providing liberal strength to meet most conditions
- Integral yoke & bonnet; outside screw & yoke, bolted bonnet
- Integral body seat ring eliminates leak path behind rings and for long trouble-free service
- Available in flanged end connection; butt weld ends also available
- EN10204-3.1 Material certificate available

PMA: 740 psi@34°F

TMA: 842°F

Selection:

Material of Body:
ASTM A216 WCB

Standards

- Basic design to ASME BS 1873
- Face-to-face acc. to ASME B16.10
- End flange dimension acc. to ASME B16.5
- Inspection & test acc. to API 598

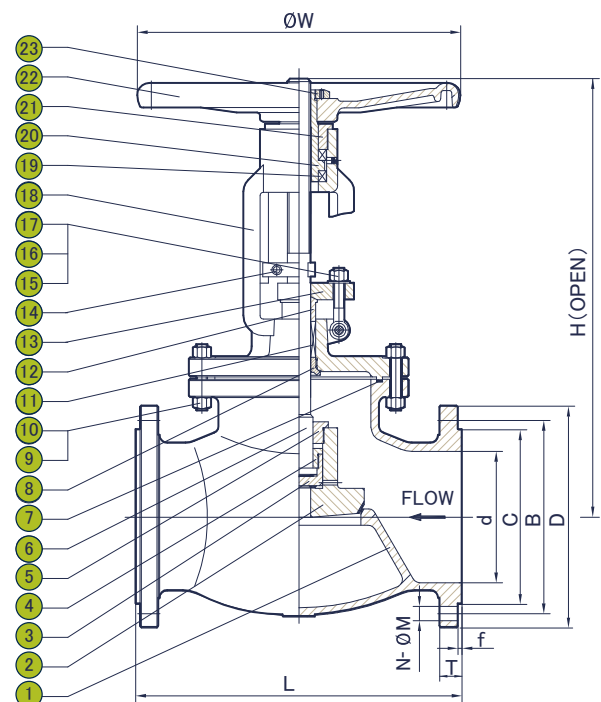
Note

- 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 + 13Cr
2	BIG DISC	ASTM A105 +13Cr
3	SMALL DISC	ASTM A105 +13Cr
4	SMALL DISC NUT	ASTM A105
5	BIG DISC NUT	ASTM A105
6	STEM	ASTM A182 F6a
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BACKSEAT BUSHING	ASTM A182 F6a
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	STEM PACKING	FLEXIBLE GRAPHITE
12	GLAND	ASTM A182 F6a
13	GLAND FLANGE	ASTM A216 WCB
14	SPLITS	CARBON STEEL
15	PIN	CARBON STEEL
16	GLAND EYEBOLT	ASTM A193 B7
17	GLAND NUT	ASTM A194 2H
18	BONNET	ASTM A216 WCB
19	BEARINGS	ALLOY STEEL
20	STEM NUT	COPPER ALLOY
21	RETAINING NUT	CARBON STEEL
22	HANDWHEEL	DUCTILE IRON
23	LOCK NUT	CARBON STEEL

* 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
IN	DN												
8"	200	203	381	330	270	450	559	900	42	1.6	12	25	230
10"	250	254	445	387.5	324	500	622	1000	48	1.6	16	29	350
12"	300	305	521	451	381	500	711	1130	51	1.6	16	32	512