

Cast Steel OS&Y Globe Valve to ANSI CLASS 150, 2"~8"

Series GBF-CL150

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: 285 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

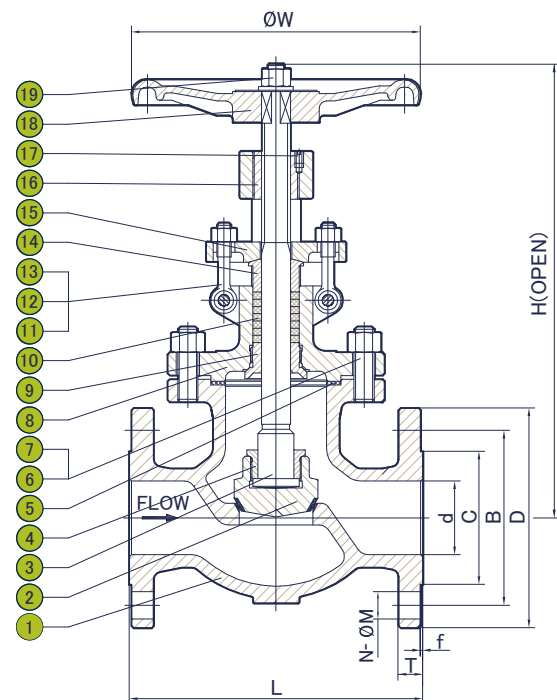
Note

- 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	N	Weight kg
IN	DN													
2"	50	51	152	120.5	92	200	203	373	16	1.6	4	19	4	14
2½"	65	64	178	139.5	105	220	216	390	18	1.6	4	19	4	21
3"	80	76	190	152.5	127	250	241	421	19	1.6	4	19	4	24
4"	100	102	229	190.5	157	300	292	515	24	1.6	8	19	8	42
5"	125	127	254	216.0	186	350	356	538	24	1.6	8	22	8	53
6"	150	152	279	241.5	216	400	406	567	26	1.6	8	22	8	71
8"	200	203	343	298.5	270	450	495	626	29	1.6	8	22	8	116

Cast Steel OS&Y Globe Valve to ANSI CLASS 150, 10"~16"

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ASTM A216 WCB

Standards

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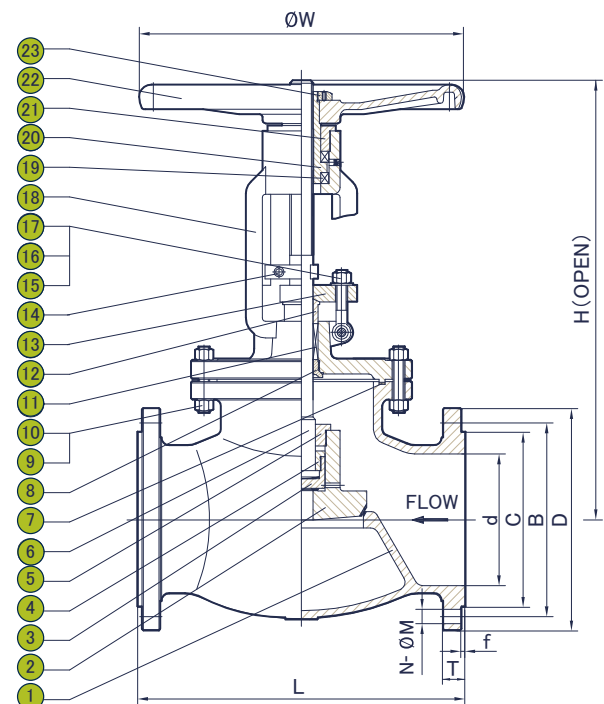
Note

- 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	SPLINTS	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

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Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	Weight kg
IN	DN												
10"	250	254	406	362	324	450	622	712	31	1.6	12	25	194
12"	300	305	483	432	381	500	698	990	32	1.6	12	25	360
14"	350	337	533	476	413	550	787	1085	35	1.6	12	29	450
16"	400	387	597	540	470	600	914	1220	37	1.6	16	29	700