

FLANGED END GLOBE VALVE

Model : Series GBF PN 16, DN15~DN40

• Features:

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN 12266.

• Standards

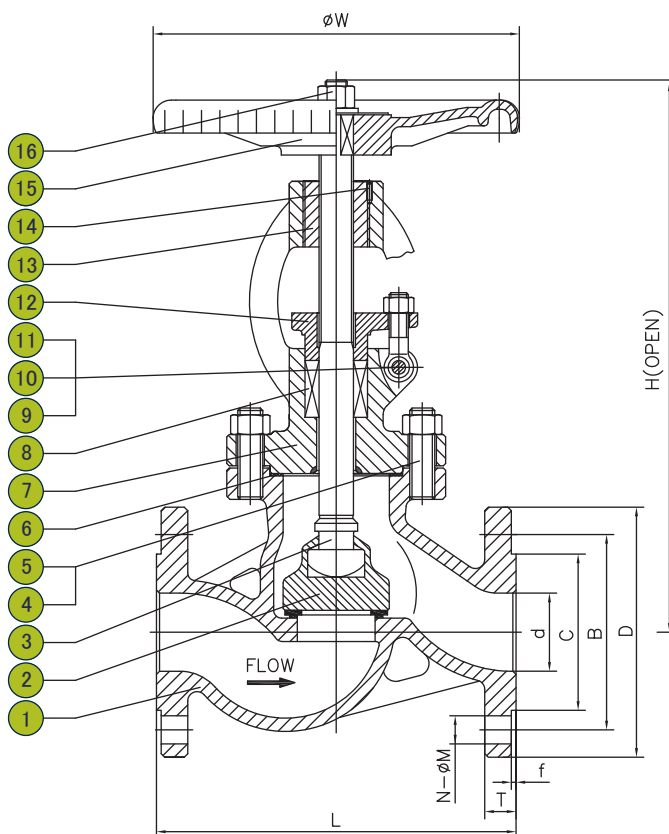
Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A182 F6a
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	STEM NUT	COPPER ALLOY
14	GRUP SCREW	CARBON STEEL
15	HANDWHEEL	DUCTILE IRON
16	LOCK NUT	ASTM A194 2H

Dimensions (mm):

SIZE	DN	d	D	B	C	W	L	H	T	f	N	M
1/2"	15	15	95	65	45	120	130	210	16	2	4	14
3/4"	20	20	105	75	58	120	150	230	18	2	4	14
1"	25	25	115	85	68	140	160	250	18	2	4	14
1-1/4"	32	32	140	100	78	160	180	275	18	2	4	18
1-1/2"	40	40	150	110	88	180	200	300	18	3	4	18



DIE ERSTE INDUSTRY CO., LTD.

www.die-erste.com

info@die-erste.com

FLANGED END GLOBE VALVE

Model : Series GBF PN 16, DN50~DN150

• Features:

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN12266.

• Standards

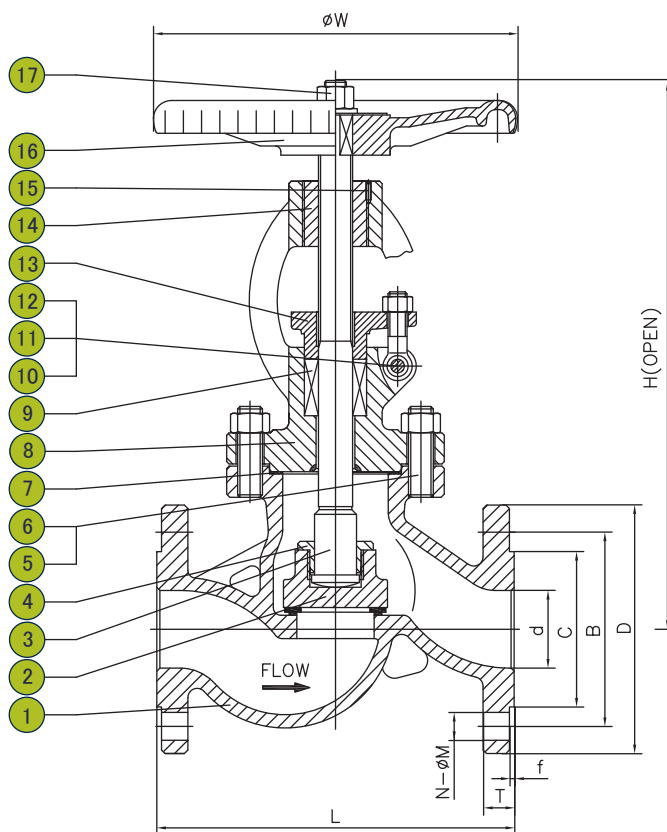
Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DISC BONNET	AISI 1025
5	BONNET BOLT	ASTM A193 B7
6	BONNET NUT	ASTM A194 2H
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	STEM PACKING	FLEXIBLE GRAPHITE
10	GLAND EYEBOLT	ASTM A193 B7
11	GLAND NUT	ASTM A194 2H
12	PIN	AISI 1025
13	GLAND FLANGE	DIN 17245 GS-C25
14	STEM NUT	COPPER ALLOY
15	GRUP SCREW	CARBON STEEL
16	HANDWHEEL	DUCTILE IRON
17	LOCK NUT	ASTM A194 2H

Dimensions (mm):

SIZE in	DN	d	D	B	C	W	L	H	T	f	N	M
2"	50	50	165	125	102	200	230	325	18	3	4	18
2-1/2"	65	65	185	145	122	220	290	385	18	3	4	18
3"	80	80	200	160	138	250	310	410	20	3	8	18
4"	100	100	220	180	158	300	350	455	20	3	8	18
5"	125	125	250	210	188	350	400	510	22	3	8	18
6"	150	150	285	240	212	400	480	560	22	3	8	22



FLANGED END GLOBE VALVE

Model : Series GBF PN 16, DN200~DN300

• Features:

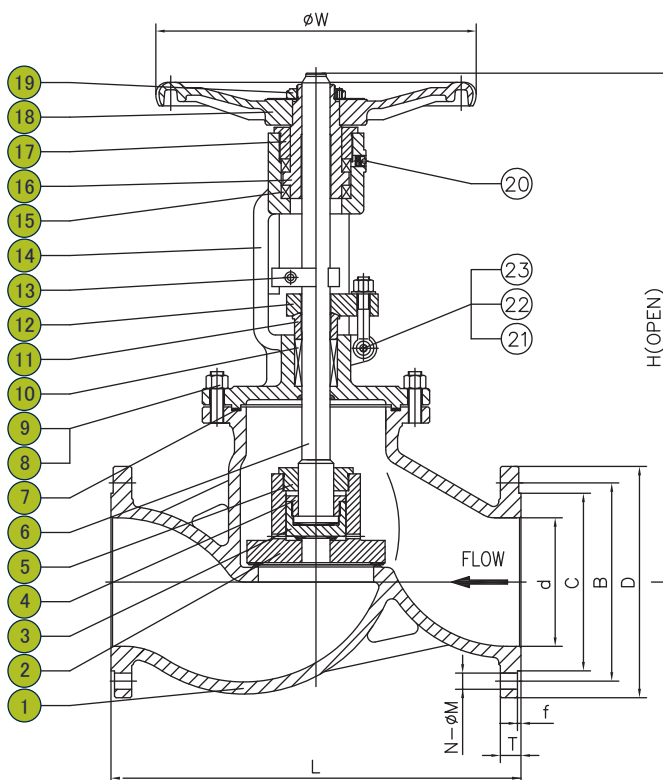
Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN12266.

• Standards

Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 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	BONNET BOLT	ASTM A193 B7
9	BONNET NUT	ASTM A194 2H
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND	ASTM A182 F6a
12	GLAND FLANGE	DIN 17245 GS-C25
13	SPLINTS	CARBON STEEL
14	BONNET	DIN 17245 GS-C25
15	BEARINGS	ALLOY STEEL
16	STEM NUT	ASTM A439 D2
17	RETAINING NUT	AISI 1025
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	CARBON STEEL
20	NIPPLE	COPPER ALLOY
21	GLAND EYEBOLT	ASTM A193 B7
22	GLAND NUT	ASTM A194 2H
23	PIN	AISI 1025



Dimensions (mm):

SIZE	DN	d	D	B	C	W	L	H	T	f	N	M
8"	200	200	340	295	268	450	600	750	24	3	12	22
10"	250	250	405	355	320	500	730	932	26	3	12	26
12"	300	300	460	410	378	550	850	1036	28	4	12	26

FLANGED END GLOBE VALVE

Model : Series GBF PN 25, DN15~DN40

• Features:

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN12266.

• Standards

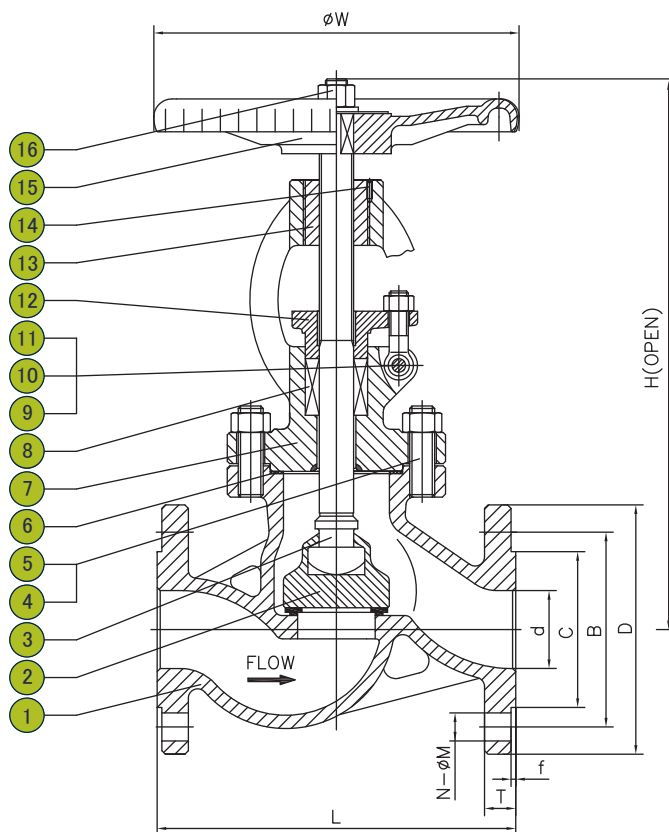
Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A182 F6a
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	STEM NUT	COPPER ALLOY
14	GRUP SCREW	CARBON STEEL
15	HANDWHEEL	DUCTILE IRON
16	LOCK NUT	ASTM A194 2H

Dimensions (mm):

SIZE in	DN	d	D	B	C	W	L	H	T	f	N	M
1/2"	15	15	95	65	45	120	130	210	16	2	4	14
3/4"	20	20	105	75	58	120	150	230	18	2	4	14
1"	25	25	115	85	68	140	160	250	18	2	4	14
1-1/4"	32	32	140	100	78	160	180	275	18	2	4	18
1-1/2"	40	40	150	110	88	180	200	300	18	3	4	18



FLANGED END GLOBE VALVE

Model : Series GBF PN 25, DN50~DN150

• Features:

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN12266.

• Standards

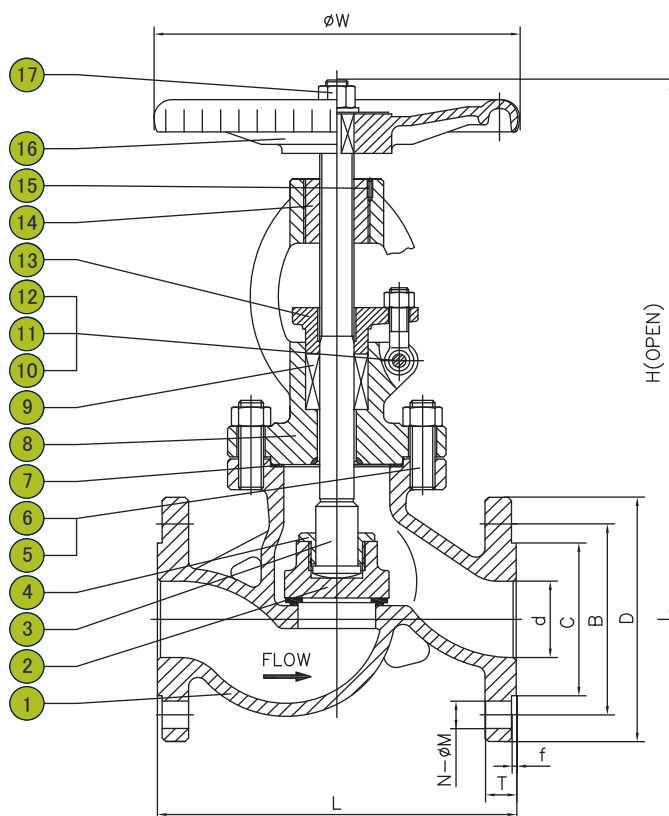
Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DISC BONNET	AISI 1025
5	BONNET BOLT	ASTM A193 B7
6	BONNET NUT	ASTM A194 2H
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	STEM PACKING	FLEXIBLE GRAPHITE
10	GLAND EYEBOLT	ASTM A193 B7
11	GLAND NUT	ASTM A194 2H
12	PIN	AISI 1025
13	GLAND FLANGE	DIN 17245 GS-C25
14	STEM NUT	COPPER ALLOY
15	GRUP SCREW	CARBON STEEL
16	HANDWHEEL	DUCTILE IRON
17	LOCK NUT	ASTM A194 2H

Dimensions (mm):

SIZE	DN	d	D	B	C	W	L	H	T	f	N	M
2"	50	50	165	125	102	200	230	325	20	3	4	18
2-1/2"	65	65	185	145	122	220	290	385	22	3	8	18
3"	80	80	200	160	138	250	310	410	24	3	8	18
4"	100	100	235	190	162	300	350	455	24	3	8	22
5"	125	125	270	220	188	350	400	510	26	3	8	26
6"	150	150	300	250	218	400	480	560	28	3	8	26



FLANGED END GLOBE VALVE

Model : Series GBF PN 25, DN200~DN300

• Features:

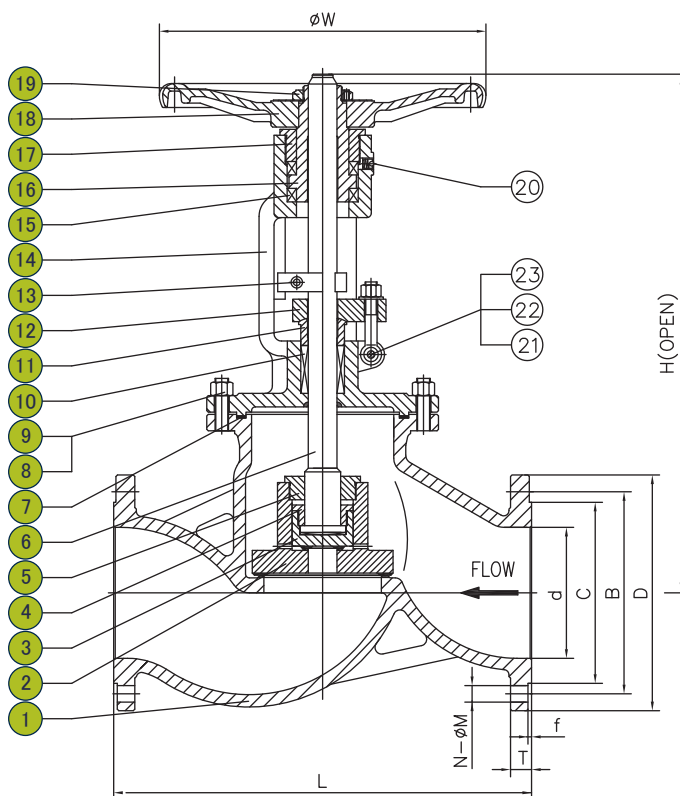
Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN12266.

• Standards

Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 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	BONNET BOLT	ASTM A193 B7
9	BONNET NUT	ASTM A194 2H
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND	ASTM A182 F6a
12	GLAND FLANGE	DIN 17245 GS-C25
13	SPLINTS	CARBON STEEL
14	BONNET	DIN 17245 GS-C25
15	BEARINGS	ALLOY STEEL
16	STEM NUT	ASTM A439 D2
17	RETAINING NUT	AISI 1025
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	CARBON STEEL
20	NIPPLE	COPPER ALLOY
21	GLAND EYEBOLT	ASTM A193 B7
22	GLAND NUT	ASTM A194 2H
23	PIN	AISI 1025



Dimensions (mm):

SIZE in	DN	d	D	B	C	W	L	H	T	f	N	M
8"	200	200	360	310	278	450	600	750	30	3	12	26
10"	250	250	425	370	335	500	730	932	32	3	12	30
12"	300	300	485	430	395	550	850	1036	34	4	12	30

FLANGED END GLOBE VALVE

Model : Series GBF PN 40, DN15~DN40

• Features:

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN12266.

• Standards

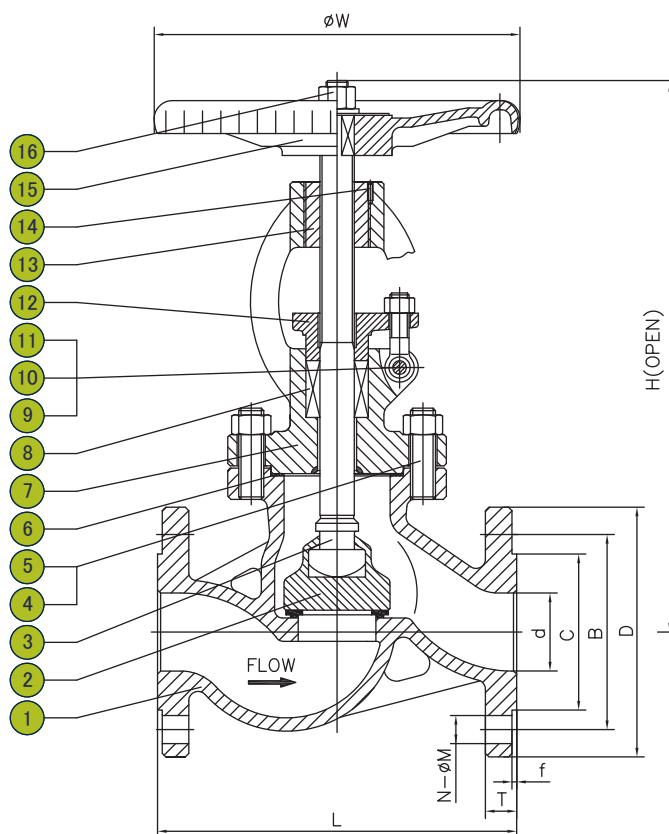
Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A182 F6a
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	STEM NUT	COPPER ALLOY
14	GRUP SCREW	CARBON STEEL
15	HANDWHEEL	DUCTILE IRON
16	LOCK NUT	ASTM A194 2H

Dimensions (mm):

SIZE in	DN	d	D	B	C	W	L	H	T	f	N	M
1/2"	15	15	95	65	45	120	130	210	16	2	4	14
3/4"	20	20	105	75	58	120	150	230	18	2	4	14
1"	25	25	115	85	68	140	160	250	18	2	4	14
1-1/4"	32	32	140	100	78	160	180	275	18	2	4	18
1-1/2"	40	40	150	110	88	180	200	300	18	3	4	18



FLANGED END GLOBE VALVE

Model : Series GBF PN 40, DN50~DN150

• Features:

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN12266.

• Standards

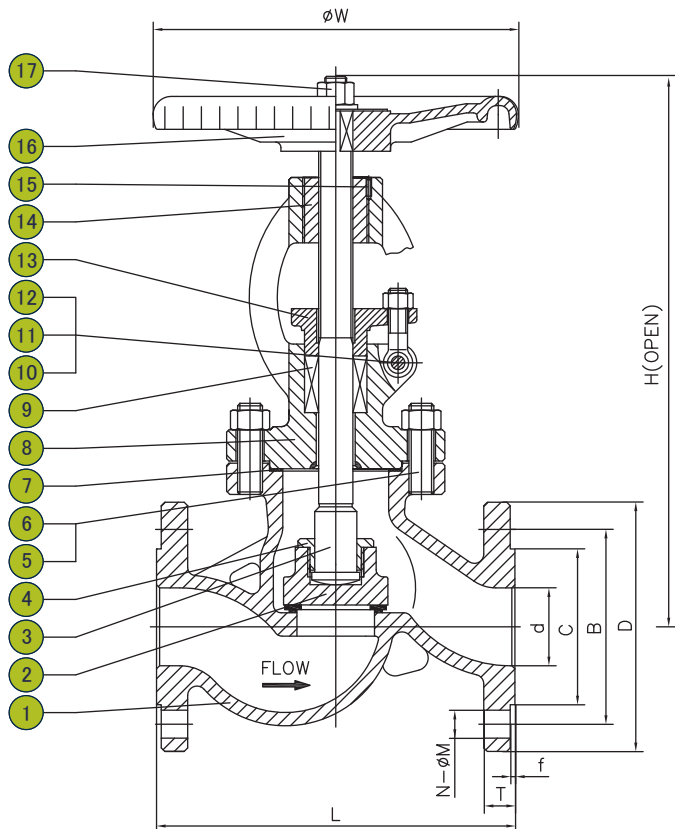
Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DISC BONNET	AISI 1025
5	BONNET BOLT	ASTM A193 B7
6	BONNET NUT	ASTM A194 2H
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	STEM PACKING	FLEXIBLE GRAPHITE
10	GLAND EYEBOLT	ASTM A193 B7
11	GLAND NUT	ASTM A194 2H
12	PIN	AISI 1025
13	GLAND FLANGE	DIN 17245 GS-C25
14	STEM NUT	COPPER ALLOY
15	GRUP SCREW	CARBON STEEL
16	HANDWHEEL	DUCTILE IRON
17	LOCK NUT	ASTM A194 2H

Dimensions (mm):

SIZE	DN	d	D	B	C	W	L	H	T	f	N	M
2"	50	50	165	125	102	200	230	325	20	3	4	18
2-1/2"	65	65	185	145	122	220	290	385	22	3	8	18
3"	80	80	200	160	138	250	310	410	24	3	8	18
4"	100	100	235	190	162	300	350	455	24	3	8	22
5"	125	125	270	220	188	350	400	510	26	3	8	26
6"	150	150	300	250	218	400	480	560	28	3	8	26



FLANGED END GLOBE VALVE

Model : Series GBF PN 40, DN200~DN300

• Features:

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet.
Seal welded seat ring eliminates leak path behind rings and for long trouble-free service.
Available in Flanged end connection; butt weld ends also available.
100% tested according to EN12266.

• Standards

Design to EN 12516
Face-to-Face: EN 558-1/DIN 3202-1 F1
Flange Dimensions: DIN 25433
Basic Design: BS 1873
Testing to EN 12266

MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 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	BONNET BOLT	ASTM A193 B7
9	BONNET NUT	ASTM A194 2H
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND	ASTM A182 F6a
12	GLAND FLANGE	DIN 17245 GS-C25
13	SPLINTS	CARBON STEEL
14	BONNET	DIN 17245 GS-C25
15	BEARINGS	ALLOY STEEL
16	STEM NUT	ASTM A439 D2
17	RETAINING NUT	AISI 1025
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	CARBON STEEL
20	NIPPLE	COPPER ALLOY
21	GLAND EYEBOLT	ASTM A193 B7
22	GLAND NUT	ASTM A194 2H
23	PIN	AISI 1025

Dimensions (mm):

SIZE in	DN	d	D	B	C	W	L	H	T	f	N	M
8"	200	200	375	320	285	450	600	750	34	3	12	30
10"	250	250	450	385	345	500	730	932	38	3	12	33
12"	300	300	515	450	410	550	850	1036	42	4	16	33

