



Products and Solutions

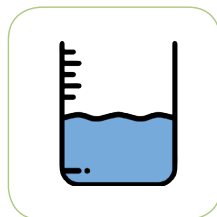
To Measure, Monitor and Control



Flow



Pressure



Level



Temperature



Analytical

For The Process Industries

Standard Specifications



- Description Bolted bonnet connection, outside threaded stem, rising handwheel, changeable disc
- Design Std DIN 3356
- Length Std DIN 3202
- Flange Std DIN 2501
DIN 2547
DIN 2526 FORME
BW TO DIN 3239
- Test Std DIN 3352 Part 1
DIN 3230 Part 3
- Class DIN 2401
- Marking EN 19 CE-PED
- Certification EN 10204-3.1 B

Application Areas

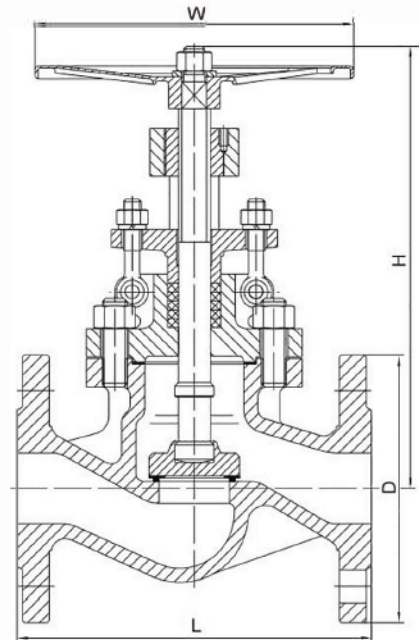
- Steam Systems
- Hot Oil Systems
- Cold and Hot Water

Materials	Pressure	Nom. Dia	Max. Temp
GS-C25 (1.0619)	16 bar 25 bar 40 bar	DN 15-400	400°C
CF8 (1.4308)	16 bar 25 bar 40 bar	DN 15-400	350°C
CF8M (1.4408)	16 bar 25 bar 40 bar	DN 15-400	350°C

Other Requirements

- Custom Trim Material
- Intergrated Valve Seat
- Bypass Design on request
- BW Connection
- Different Flange Standard
- Different Stem Packing

No.	Items	Materials		
1	Valve Body	GS-C25/1.0619	CF8/1.4308	CF8M/1.4408
2	Valve Seat	X20Cr13/1.4021	CF8/1.4308	CF8M/1.4408
3	Plug	X20Cr13/1.4021	F304/1.4301+STL	F316/1.4401+STL
4	Stem	X20Cr13/1.4021	F304/1.4301	F316/1.4401
5	Stem Nut	Brass	Brass	Brass
6	Gasket	Graphite+SS304	Graphite+SS304	Graphite+SS316
7	Bonnet	GS-C25/1.0619	CF8/1.4308	CF8M/1.4408
8	Nuts	A194-2H	A194-8	A194-8M
10	Bolts	A193-B7	A193-B8	A193-B8M
Max Temperature		400°C	350°C	350°C



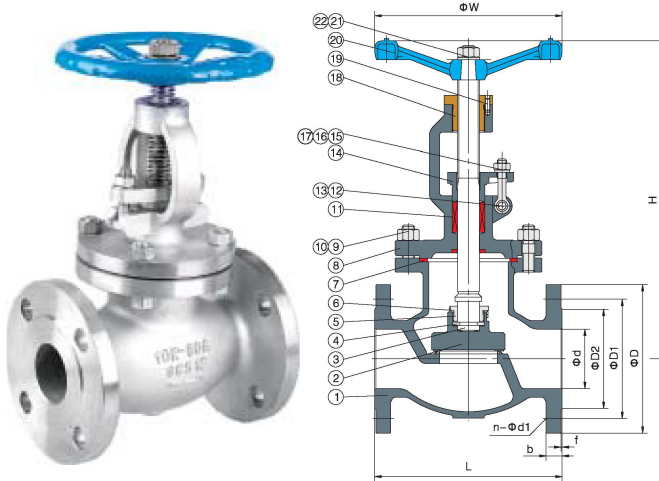
Globe Valve DIN PN16 F1 Dimensions

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	--
L RF	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1200	1250	1450	--
D	95	105	115	140	150	165	185	200	220	250	285	340	405	460	520	580	640	715	840	--
H	180	190	220	225	252	263	290	330	350	420	455	630	665	800	960	1060	1200	1280	--	--

Globe Valve DIN PN25/PN40 F1 Dimensions

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	--
L RF/BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1200	1250	1450	--
D \neq PN25	95	105	115	140	150	165	185	200	235	270	300	360	425	485	555	620	670	730	845	--
D \neq PN40	95	105	115	140	150	165	185	200	235	270	300	375	450	515	580	660	685	755	890	--
H	180	190	220	225	252	263	290	330	350	420	455	630	665	800	960	1060	1200	1280	--	--

AE GLOBE VALVE FIANGE END JIS 10K/20K



Features

- 1/2"~12" (DN15~DN300)
- W.P.: 10K / 20K
- W.T.: 425°C
- Rising stem
- Design: JISB2071
- Flange dimension: JIS 2220
- Face to face: JIS B2002
- Inspection & testing: JIS B2071

Material List

No.	PARTS	MATERIAL		
1	BODY	WCB-GSG25	SCS13	SCS14
2	DISC	13Cr	SCS13	SCS14
3	STEM	2 Cr13	304	316
4	OPEN RING	45	304	316
5	DISC NUT	35	304	316
6	THRUST WASHER	Q235A	304	316
7	GASKET	PTFE/304+GRAPHITE		
8	BONNET	SCPH2	SCS13	SCS14
9	BOLT	35CrMo	304	304
10	NUT	45	304	304
11	PACKING	PTFE/FLEXIBLE GRAPHITE		
12	CLEVIS PIN WITH HEAD	35	304	304
13	SPLIT PIN	Q235A	304	304
14	GLAND	SCPH2	SCS13	SCS13
15	EYE BOLTS	35CrMo	304	304
16	FLAT PAD	65Mn	304	304
17	NUT	45	304	304
18	STEM NUT	BRONZE		
19	SCREWS	35CrMo	304	304
20	HANDWHEEL	WCB/SCPH2		
21	FLAT PAD	65Mn	304	304
22	NUT	45	304	304

Dimensions 10K

Nominal Diameter	L	d	D2	D1	D	b	f	n-φd1	H	W	
15	1/2"	108	15	51	70	95	12	1	4-15	178	120
20	3/4"	117	20	56	75	100	14	1	4-15	182	140
25	1"	127	25	67	90	125	14	1	4-19	201	140
32	1-1/4"	140	32	76	100	135	16	2	4-19	238	160
40	1-1/2"	165	40	81	105	140	16	2	4-19	249	160
50	2"	203	50	96	120	155	16	2	4-19	263	200
65	2-1/2"	216	65	116	140	175	18	2	4-19	312	200
80	3"	241	80	126	150	185	18	2	8-19	336	250
100	4"	292	100	151	175	210	18	2	8-19	388	300
125	5"	356	125	182	210	250	20	2	8-23	467	350
150	6"	406	150	212	240	280	22	2	8-23	529	400
200	8"	495	200	262	290	330	22	2	12-23	667	450
250	10"	622	250	324	355	400	24	2	12-25	825	500
300	12"	698	300	368	400	445	24	3	16-25	947	600

Dimensions 20K

Nominal Diameter	L	d	D2	D1	D	b	f	n-φd1	H	W	
15	1/2"	152	15	51	70	95	14	1	4-15	182	140
20	3/4"	178	20	56	75	100	16	1	4-15	187	140
25	1"	203	25	67	90	125	16	1	4-19	208	160
32	1-1/4"	216	32	76	100	135	18	2	4-19	244	160
40	1-1/2"	229	40	81	105	140	18	2	4-19	255	200
50	2"	267	50	96	120	155	18	2	8-19	269	200
65	2-1/2"	292	65	116	140	175	20	2	8-19	320	250
80	3"	318	80	132	160	200	22	2	8-23	341	250
100	4"	356	100	160	185	225	24	2	8-23	393	300
125	5"	400	125	195	225	270	26	2	8-25	477	350
150	6"	444	150	230	260	305	28	2	12-25	541	400
200	8"	559	200	275	305	350	30	2	12-25	682	500
250	10"	622	250	345	380	430	34	2	12-27	839	600
300	12"	711	300	395	430	480	36	3	16-27	957	650



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