



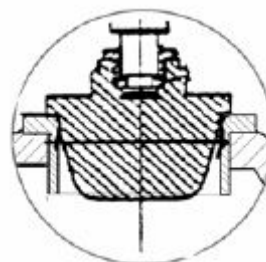
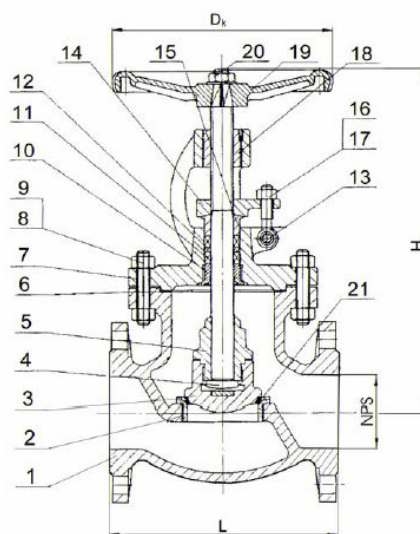
Globe valve

bolted bonnet, turning rising stem

8/074

Class 150 - 1500

- Design
 - According ANSI B16.34 an BS 1873
 - Face to face dimensions per ANSI B16.5
 - Threaded and stellited seat ring
- Connection
 - Flanges acc. ANSI B16.5
 - Butt welding ends acc. ANSI B16.25



Design, valve with throttle cone



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Class 150 - 1500

Materials										
Pos.	Designation	Carbon steel		High temp. steel			Stainless steel			
		WCB	LCB	WC1	WC6	WC9	CF8	CF8M	CF3	CF3M
1	Body	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
2	Seat	A105	A350 LF2	A182 F304	A182 F304	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
3	Disc	A105	A350 LF2	A217 WC1	A217 WC6	A217 WC9	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
4	Stem	A182 F6	A182 F304	F182 F6	A182 F6	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
5	Disc nut	A182 F6	A182 F304	F182 F6	A182 F6	A182 F304	A182 F304	F182 F316	A182 F304L	A182 F316L
6	Gasket	SS / graphite								
7	Bonnet	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
8	Bonnet bolt	A193 B7	A193 B7	A320 L7	A320 L7	A320 L7	A320 B8	A320 B8	A193 B8M	A193 B8M
9	Bonnet nut	A194 2H	A194 2H	A194 2H	A194 2H	A194 4	A194 7	A194 8	A194 8	A194 8
10	Backseat bushing	A182 F6	A182 F304	A182 F6	A182 F6	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
11	Stem packing	Graphite								
12	Lantern ring	A182 F6	A182 F6	A182 F6	A182 F6	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
13	Pin	Carbon steel								
14	Gland flange	WCB	A350 LF2	A105	A105	A105	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
15	Gland	A182 F6	A182 F6	A182 F6	A182 F6	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
16	Gland bolt	A307 B	A307 B	A307 L7	A307 L7	A307 L7	A193 B7	A193 B7	A193 B8	A193 B8
17	Gland nut	A194 2H	A194 2H	A194 2H	A194 2H	A194 4	A194 4	A194 8	A194 8	A194 8
18	Stem nut	A439 D2	A439 D2	A439 D2	A439 D2	A439 D2	A439 D2	A439 D2	A439 D2	A439 D2
19	Handwheel	Ductile iron or steel								
20	Lock nut	Carbon steel								
21	Seat overlay	13% Cr and / or 18% CrNi and / or HF (Co-Cra)								

Special materials (C5, C12) at request



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Class 150 - 1500

Dimensions

150 LBS							
NPS	DN	L		H	D	Weight [kg]	
		RF / BW	RTJ			RF	BW
1 1/2	40	165	178	345	200	16	14
2	50	203	216	380	200	22	19
2 1/2	65	216	229	435	250	30	27
3	80	241	254	465	250	37	34
4	100	292	305	530	300	61	51
5	125	356	348	580	300	90	75
6	150	406	419	650	350	110	88
8	200	495	508	760	400	168	146
10	250	622	635	860	500	238	215
12	300	699	711	1000	600	410	370
14	350	787	800	1050	600	450	400
16	400	914	927	1150	750	636	550

300 LBS							
NPS	DN	L		H	D	Weight [kg]	
		RF / BW	RTJ			RF	BW
1 1/2	40	229	241	405	200	26	20
2	50	267	283	425	200	27	21
2 1/2	65	292	308	465	250	40	33
3	80	318	333	530	250	53	44
4	100	356	371	610	300	80	66
5	125	400	416	695	300	130	110
6	150	445	460	790	400	155	128
8	200	559	575	870	500	240	210
10	250	622	638	1040	500	340	280
12	300	711	727	1140	600	495	410
14	350	838	854	1200	750	650	520
16	400	864	880	1400	850	850	700



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Class 150 - 1500

Dimensions

600 LBS							
NPS	DN	L		H	D	Weight [kg]	
		RF / BW	RTJ			RF	BW
2	50	292	295	475	250	40	36
2 1/2	65	330	333	515	250	57	45
3	80	356	359	585	300	72	61
4	100	432	435	675	350	121	97
6	150	559	562	885	450	250	222
8	200	660	664	945	500	450	356
10	250	787	791	1040	600	700	588
12	300	838	841	1280	750	900	800
14	350	889	892	1350	850	1115	900
16	400	991	994	1550	960	1480	1100

900 LBS							
NPS	DN	L		H	D0	Weight [kg]	
		RF / BW	RTJ			RF	BW
2	50	368	371	600	300	87	80
2 1/2	65	419	422	660	350	130	115
3	80	381	384	665	350	122	102
4	100	457	460	800	500	182	167
6	150	610	613	1015	600	434	385
8	200	737	740	1145	600	730	620
10	250	838	841	1360	750	1120	950
12	300	965	968	1610	850	1630	1410
14	350	1029	1038	1650	960	2000	1760
16	400	1130	1140	1800	960	2650	2350



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Dimensions

1500 LBS							
NPS	DN	L		H	D0	Weight [kg]	
		RF / BW	RTJ			RF	BW
2	50	368	371	660	300	87	80
2 1/2	65	419	422	660	350	130	115
3	80	470	473	770	500	250	220
4	100	546	549	850	500	435	385
6	150	705	711	1145	600	540	450
8	200	832	841	1345	600	970	790
10	250	991	1000	1510	750	1520	1320
12	300	1130	1146	1870	850	2200	1960
14	350	1257	1276	1950	960	2700	2400
16	400	1384	1407	2200	1100	3580	3250

8 - Globe Valve

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