

Design acc. : BS 1873
Face to face : ANSI B16.10
Flange ends : ANSI B16.5
Test and inspection : API 598
Body : WCB

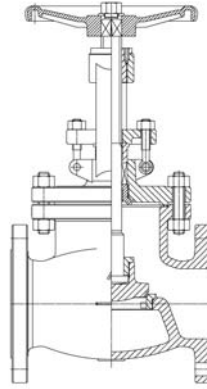


FIG : 140

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FIG : 140

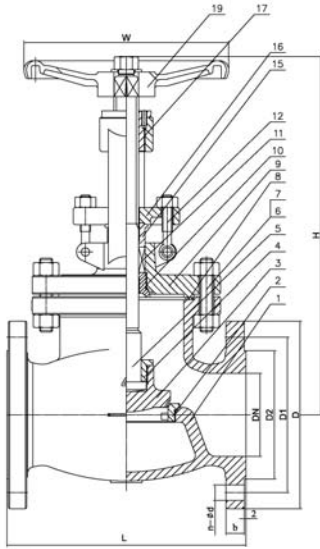


FIG.	Class	Material	Range
131.140	150	WCB	2"-12"
132.140	300	WCB	2"-10"
134.140	600	WCB	2"-10"

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Material List

NO.	Part	Material
		FIG.131.140 / 132.140 / 134.140
1	Body	ASTM A216 WCB
2	Seat ring	ASTM A182 F6a
3	Disc	ASTM A216 WCB
4	Disc nut	ASTM A182 F6a
5	Stem	ASTM A182 F6a
6	Bolt	ASTM A193 B7
7	Nut	ASTM A194 2H
8	Body seal	Graphite+SS304
9	Bonnet	ASTM A216 WCB
10	Upper seal seat	ASTM A276 410
11	Packing	Graphite
12	Eyelet bolt	ASTM A193 B7
15	Packing bushing	ASTM A276 410
16	Gland flange	ASTM A216 WCB
17	Stem nut	ASME B184 C95200
19	Handwheel	ASME A47 32510

Dimension List

Class	Size	DN	L	D	D1	D2	b	f	w	n	d	H	Kg
150LB	2"	50	203	152.4	120.7	92.1	19.1	2	200	4	15.9	360	23.0
	2 1/2"	65	216	177.8	139.7	104.8	22.2	2	250	4	15.9	402	29.0
	3"	80	241	190.5	152.4	127.0	23.8	2	250	4	15.9	411	41.0
	4"	100	292	228.6	190.5	157.2	23.8	2	300	8	15.9	535	64.0
	6"	150	406	279.4	241.3	215.9	25.4	2	350	8	19.0	650	92.0
	8"	200	495	342.9	298.5	269.9	28.6	2	400	8	19.0	726	169.0
	10"	250	622	406.4	362.0	323.9	30.2	2	500	12	22.2	863	286.0
300LB	2"	50	267	165.1	127.0	92.1	22.2	2	200	8	15.9	412	31.0
	2 1/2"	65	292	190.5	149.2	104.8	25.4	2	250	8	19.0	480	43.0
	3"	80	318	209.6	168.3	127.0	28.6	2	250	8	19.0	530	60.0
	4"	100	356	254.0	200.0	157.2	31.8	2	350	8	19.0	609	101.0
	6"	150	444	317.5	269.9	215.9	36.5	2	450	12	19.0	737	190.0
	8"	200	533	381.0	330.2	269.9	41.3	2	560	12	22.2	860	370.0
	10"	250	622	444.5	387.4	323.9	47.6	2	610	16	25.4	915	430.0
600LB	2"	50	292	165.1	127.0	92.1	31.8	7	250	8	15.9	465	39.0
	2 1/2"	65	330	190.5	149.2	104.8	35.0	7	300	8	19.0	512	57.5
	3"	80	356	209.6	168.3	127.0	38.2	7	350	8	19.0	570	73.0
	4"	100	432	273.1	215.9	157.2	44.5	7	450	8	22.2	650	130.0
	6"	150	559	355.6	292.1	215.9	54.0	7	560	12	25.4	886	300.0
	8"	200	660	419.1	349.3	269.9	62.0	7	610	12	28.6	1020	440.0
	10"	250	787	508.0	431.8	323.9	69.9	7	610	16	35.1	1280	690.0

Edit: FengChunyan
 Suzhou Fleu valve Co.Ltd
 No.767 Huagang Road

Checking: WangHuanyu
 Tel : 0086 512 63430669
 Fax : 0086 512 63409789

Approved: DingLixin

Date: 25.Nov.2014

E-mail : szsales@fleu-valve.com
 http : //www.fleu-valve.com