



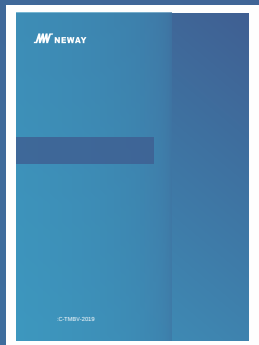
C - PS



C - GGC



C - FSV



C - TMBV



C - FBV



C - CBV



C - MMBV



C - FWBV



C - BFV



C - DOV



C - TOV



C - CPS

:C-FSV-2021

:C-FSV-2021





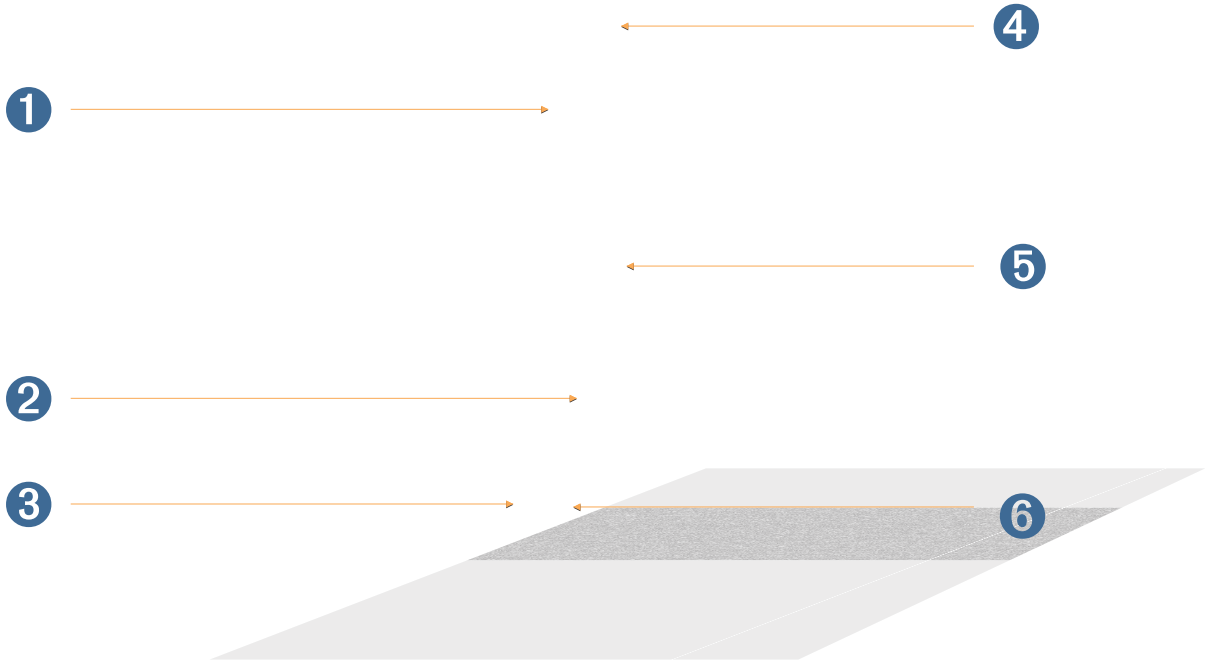
典型图号：



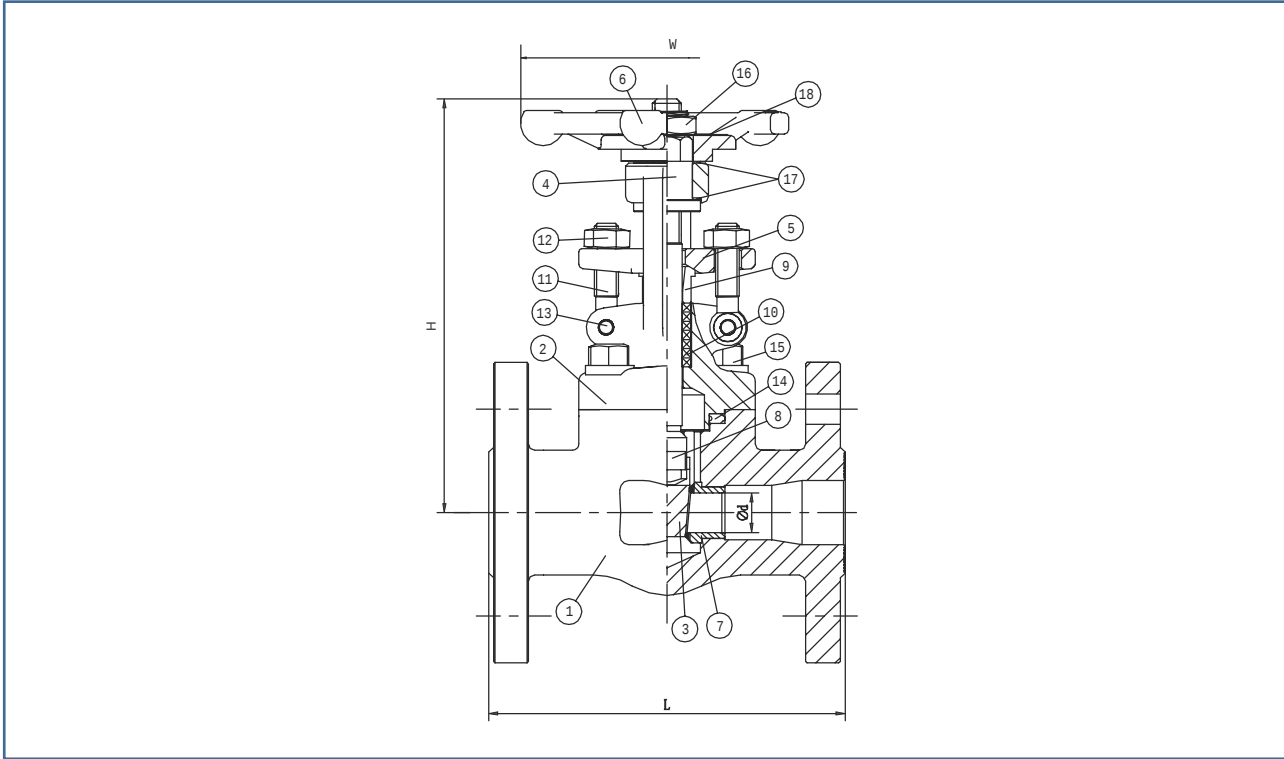
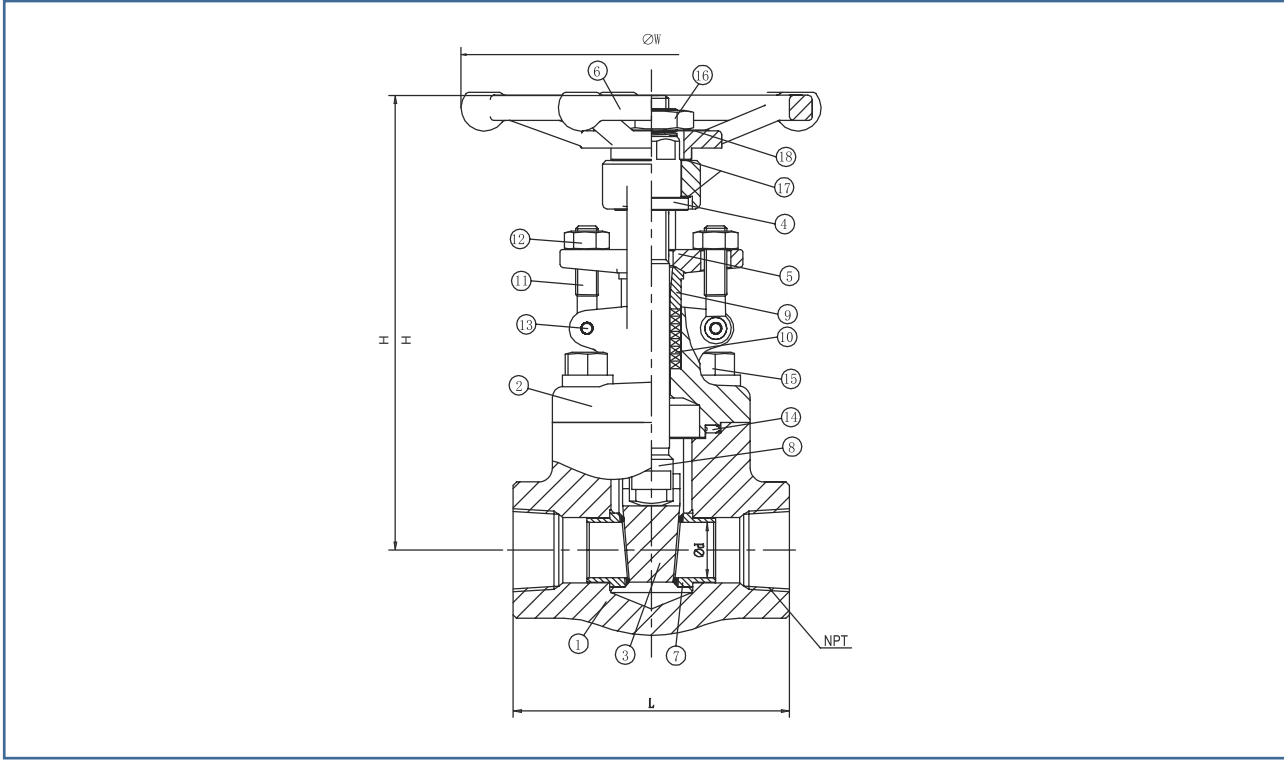
纽威阀门的图号包括了阀门的基本特征。当订购时，为了避免对您的需求的误解，请显示纽威阀门的图号。对于特殊订单，则还须提供详细的技术规格描述。

下面的描述对阀门的技术规格提供一个基本的向导：

①									
② 阀门类型									
			Y			Y			
	G	GL	GLY	S	P	PY			
③									
	150	300	600	800	900	1500	2500		
	1	3	6	8	9	15	25		
④ 端部连接									
				() / ()		RTJ			
	S	N	B	SN	R	J			
⑤									
		RTJ							
	FW	J	FP	M	P				
⑥									
	C40	L70	H41	H42	H43	S40	S41	S42	S43
	A105N	A350 Gr.LF2	A350 Gr.LF2	A182 Gr.F22	A182 Gr.F5	A182 Gr.F304	A182 Gr.F316	A182 Gr.F304L	A182 Gr.F316L
⑦									
No.1		13Cr		13Cr		ASTM A182-F6a			
No.2		18Cr-8Ni		18Cr-8Ni		ASTM A182-F304			
No.5		HarD faceD		HarD faceD		ASTM A182-F6a			
No.8		13Cr		HarD faceD		ASTM A182-F6a			
No.10		18Cr-8Ni-Mo		18Cr-8Ni-Mo		ASTM A182-F316			
No.12		18Cr-8Ni-Mo		HarD faceD		ASTM A182-F316			
No.15		18Cr-8Ni		HarD faceD		ASTM A182-F304			
No.16		HarD faceD		HarD faceD		ASTM A182-F316			



1
2 T
3
4
5 - /
6



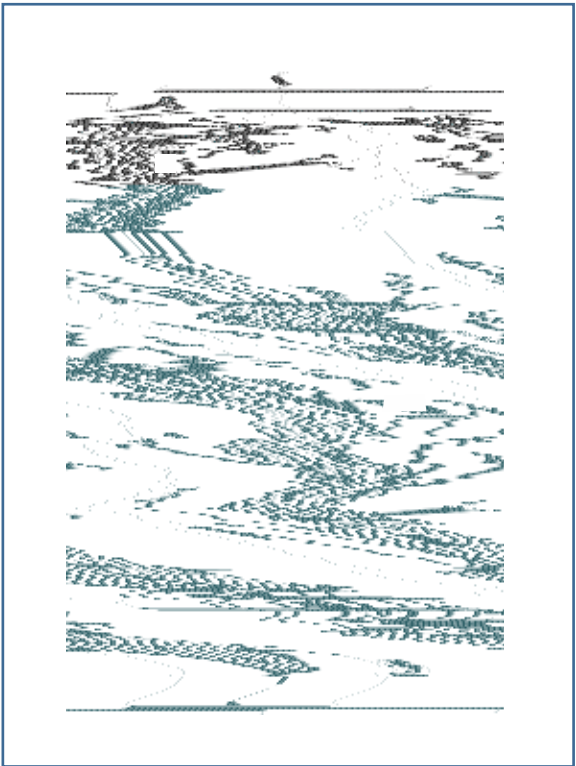
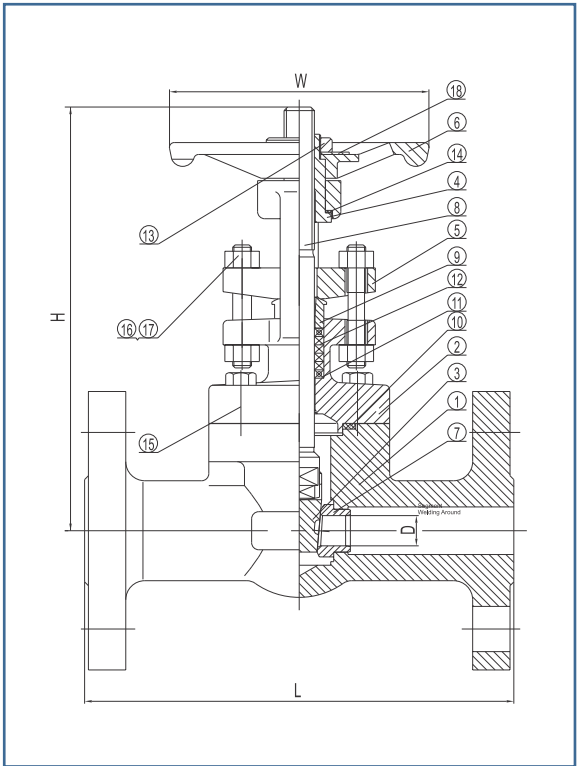
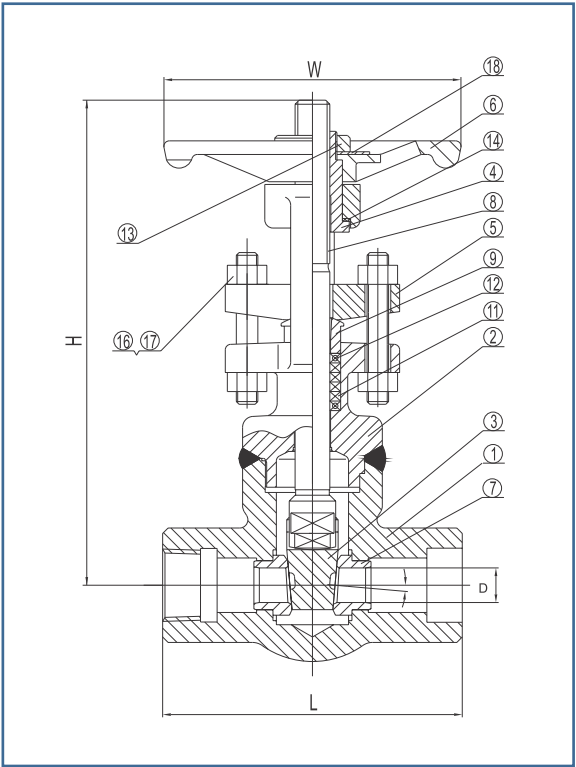
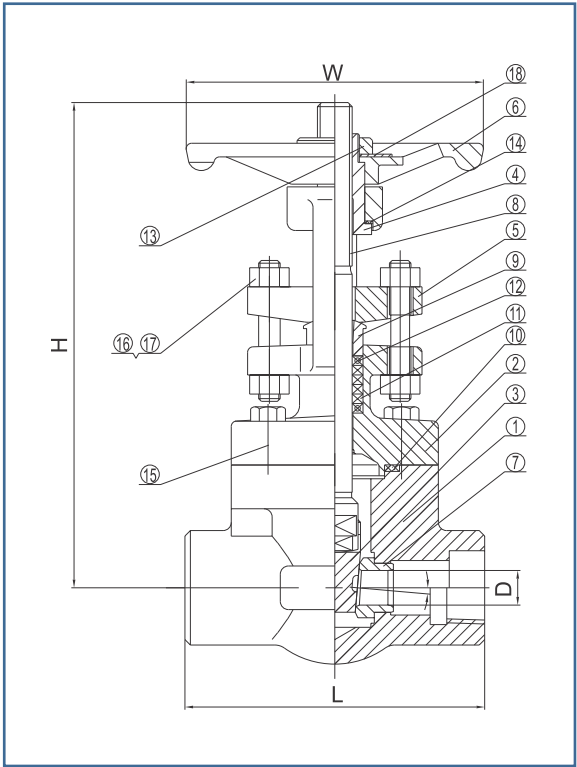
1		ASTM A105N	ASTM A182 F11/F22	ASTM A182 F304/F316
2		ASTM A105N	ASTM A182 F11/F22	ASTM A182 F304/F316
3		ASTM A276 410	ASTM A276 410	ASTM A182 F304/F316
4		ASTM A276 410	ASTM A276 410	ASTM A276 410
5		ASTM A105N	ASTM A105N	ASTM A182 F316
6		A197	A197	A197
7		ASTM A276 410/STL.6 OVERLAY	ASTM A276 410/STL.6 OVERLAY	ASTM A182 F304/F316/STL.6
8		ASTM A276 410	ASTM A276 410	ASTM A182 F304/F316
9		ASTM A276 420	ASTM A276 420	ASTM A276 316
10				
11		ASTM A193-B7	ASTM A193-B16	ASTM A193-B8
12		ASTM A194-2H	ASTM A194-7	ASTM A194-8
13		ASTM A276 304	ASTM A276 304	ASTM A276 316
14		/316LSS	/316LSS	/316LSS
15		ASTM A193-B7	ASTM A193-B16	ASTM A193-B8
16		AISI 1020	AISI 1020	AISI 1020
17		410	410	410
18		304SS	304SS	304SS

Class 800
-API 602

		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	L	79	3.11	79	3.11	79	3.11	92	3.62	111	4.37	120	4.72	120	4.72	140	5.51
	D	7.5	0.30	10	0.39	13	0.51	13	0.51	18	0.71	24	0.94	29	1.14	36.5	1.44
	H	157	6.18	157	6.18	157	6.18	157	6.18	185	7.28	226	8.90	241	9.49	273	10.75
	W	100	3.94	100	3.94	100	3.94	100	3.94	120	4.72	160	6.30	160	6.30	220	8.66

Class 150-300-600
-API 602 & -ASME B16.10

			1/2		3/4		1		1-1/2		2	
			mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L	108	4.25	117	4.61	127	5	165	6.5	178	7.01
	Class 300	L	140	5.51	152	5.98	165	6.50	190	7.48	216	8.50
	Class 600	L	165	6.50	190	7.48	216	8.50	241	9.49	292	11.50
		D	12.2	0.39	12.2	0.48	18	0.71	29	1.14	37	1.46
		H	157	6.18	157	6.18	185	7.28	241	9.49	273	10.75
		W	100	3.94	100	3.94	120	4.72	160	6.30	220	8.66



1		ASTM A105N	ASTM A182-F11/F22	ASTM A182 F304/F316
2		ASTM A105N	ASTM A182 F11/F22	ASTM A182 F304/F316
3		ASTM A182-F6a	ASTM A182-F6a	ASTM A182 F304/F316
4		ASTM A276-420	ASTM A276-420	ASTM A276-420
5		ASTMA216-WCB	ASTMA216-WCB	ASTMA351-CF8
6				
7		ASTM A276-410/STL.OVERLAY	ASTM A276-410/STL.OVERLAY	ASTM A182 F304/F316/ STL.6 OVERLAY
8		ASTM A182-F6a	ASTM A182-F6a	ASTM A182 F304/F316
9		ASTM A276-420	ASTM A276-420	ASTM A276-304/316
10		304SS/	304SS/	304SS/
11				
12		CARBON YARN	CARBON YARN	CARBON YARN
13		CARBON STEEL	CARBON STEEL	ASTMA276-304
14		ASTM A276-304	ASTM A276-304	ASTM A276-304
15		ASTM A193-B7	ASTM A193-B16	ASTM A193-B8
16		ASTMA193-B8	ASTM A193-B8	ASTMA193-B8
17		ASTM A194-8	ASTMA194-8	ASTMA194-8
18		ASTM A276-304	ASTM A276-304	ASTMA276-304

Class 800

-API 602

		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	D	9.5	0.37	9.5	0.37	12.7	0.50	17.5	0.69	23.8	0.94	28.6	1.13	36.5	1.44
	H	157	6.19	157	6.19	165	6.51	192	7.57	272	10.70	277	10.92	283	11.15
	W	90	3.54	90	3.54	90	3.54	110	4.33	150	5.91	150	5.91	150	5.91
	Kg/Lb	1.5	3.31	1.5	3.31	2.0	4.41	3.0	6.61	4.0	8.82	5.5	12.13	7.5	16.53

Class 900/1500

-API 602

		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	D	6.5	0.26	6.5	0.37	12.7	0.50	16	0.63	22.5	0.89	27	1.06	35	1.38
	H	163	6.41	163	6.41	190	7.47	225	8.85	263	10.33	264	10.41	319	12.57
		177	6.98	177	6.98	206	8.09	240	9.44	271	10.66	276	10.86	325	12.81
	W	90	3.54	90	3.54	110	4.33	150	5.91	150	5.91	150	5.91	180	7.09
	Kg/Lb	2.5	5.51	2.5	5.51	3.5	7.72	5.5	12.13	8.0	17.64	8.5	18.74	14.5	31.97

Class 900/1500
-API 602

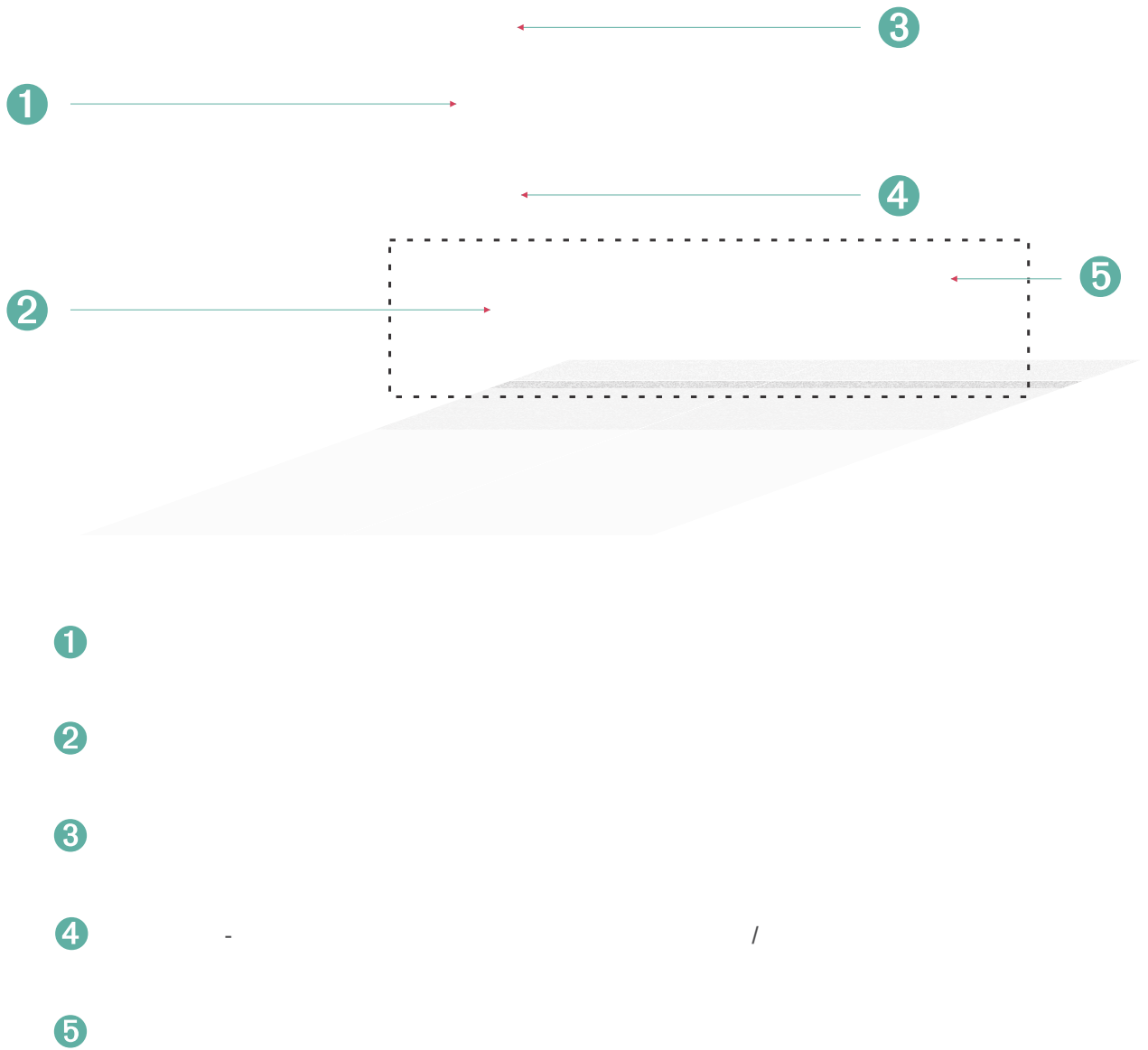
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		-	-	120	4.72	120	4.72	140	5.51	178	7.01	178	7.01	216	8.50
	D	-	-	9.5	0.37	12.7	0.37	16	0.63	27	1.06	27	1.06	35	1.38
	H	-	-	230	9.06	294	11.57	337.5	13.29	396.5	15.61	396.5	15.61	449	17.68
	W	-	-	110	4.33	110	4.33	150	5.91	150	5.91	150	5.91	180	7.09
	Kg/Lb	-	-	3.8	8.38	5.3	11.68	8.3	18.30	12.8	28.22	12.8	28.22	21.8	48.06

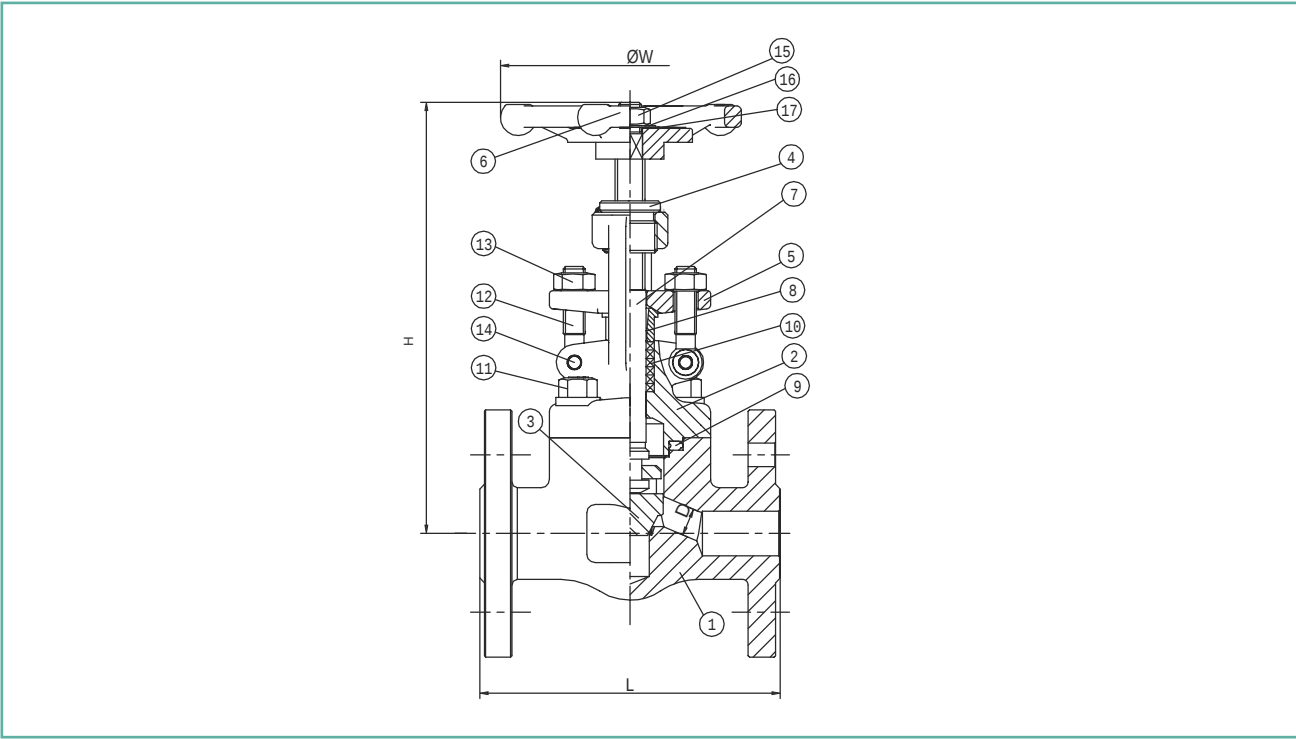
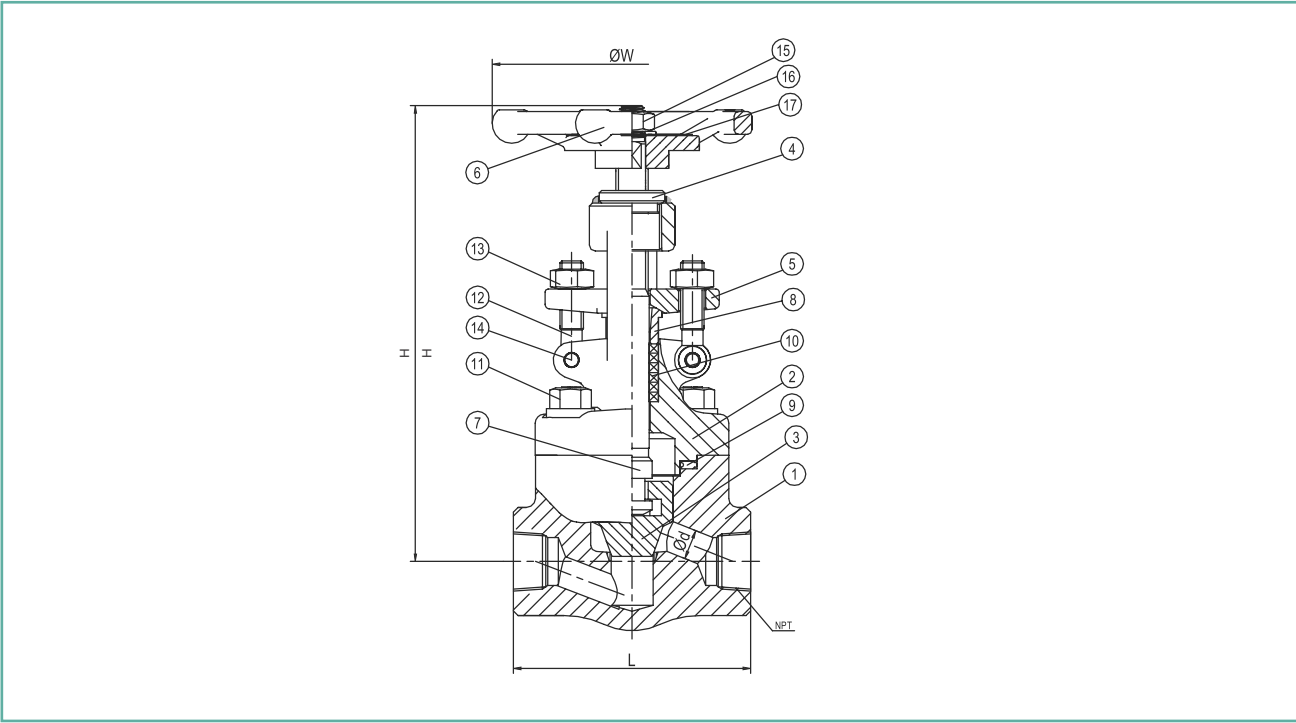
Class 2500
-ASME B16.34

		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		-	-	178	7.01	178	7.01	186	7.32	232	9.13	232	9.13	279	10.98
	D	-	-	9.0	0.35	12.0	0.47	15	0.59	27	1.06	27	1.06	35	1.38
	H	-	-	295	11.61	295	11.61	345	13.58	410	16.14	410	16.14	460	18.11
	W	-	-	150	5.91	150	5.91	180	7.09	250	9.84	250	9.84	350	13.78
	Kg/Lb	-	-	8.0	17.64	8.0	17.64	11	24.25	20	44.09	20	44.09	25	55.12

Class 2500
-ASME B16.34

		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		-	-	178	7.01	178	7.01	186	7.32	232	9.13	232	9.13	279	10.98
	D	-	-	9.0	0.35	12.0	0.47	15	0.59	27	1.06	27	1.06	35	1.38
	H	-	-	393	15.08	383	15.08	406.5	16.00	454.5	17.89	454.5	17.89	540	21.26
	W	-	-	150	5.91	150	5.91	180	7.09	250	9.84	250	9.84	350	13.78
	Kg/Lb	-	-	8.0	22.05	10.0	22.05	13	28.66	21.8	48.06	21.8	48.06	28	61.73





1		ASTM A105N/STL.6 OVERLAY	ASTMA182 F11/F22/ STL.6 OVERLAY	ASTMA182 F304/F316/ STL.6 OVERLAY
2		ASTMA105N	ASTMA182 F11/F22	ASTMA182 F304/F316
3		ASTMA276 410	ASTMA276 410	ASTMA182 F304/F316
4		ASTMA276 410	ASTMA276 410	ASTMA276-410
5		ASTMA105N	ASTMA105N	ASTMA182 F316
6		ASTMA197	ASTMA197	ASTMA197
7		ASTMA276 410	ASTMA276 410	ASTMA182 F304/F316
8		ASTMA276 420	ASTMA276 420	ASTMA276 316
9		/316L SS	/316L SS	/316L SS
10				
11		ASTMA193-B7	ASTMA193-B16	ASTMA193-B8
12		ASTMA193-B7	ASTMA193-B16	ASTMA193-B8
13		ASTMA194-2H	ASTMA194-7	ASTMA194-8
14		ASTMA276 304	ASTMA276 304	ASTMA276 316
15		ASTMA194-2H	ASTMA194-7	ASTMA194-8
16		ASTMA276-410	ASTMA276-410	ASTMA276-410
17		304SS	304SS	304SS

Class 800

-API 602

		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	L	76	3.11	79	3.11	79	3.11	92	3.62	111	4.37	120	4.72	152	5.98	172	6.77
	D	6.8	0.27	6.8	0.27	9.5	0.37	13	0.51	18	0.69	23.5	0.93	28.5	1.12	36.5	1.44
	H	161	6.34	161	6.34	167	6.57	167	6.57	196	7.72	236	9.29	252	9.92	282	11.10
	W	100	3.94	100	3.94	100	3.94	100	3.94	120	4.72	160	6.30	160	6.30	220	8.66

Class 150-300-600

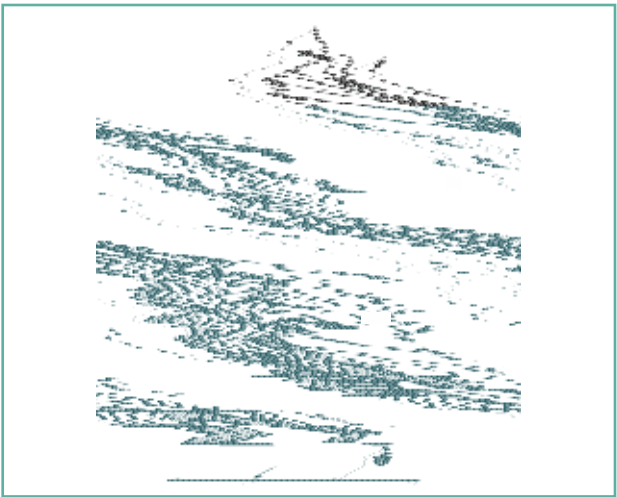
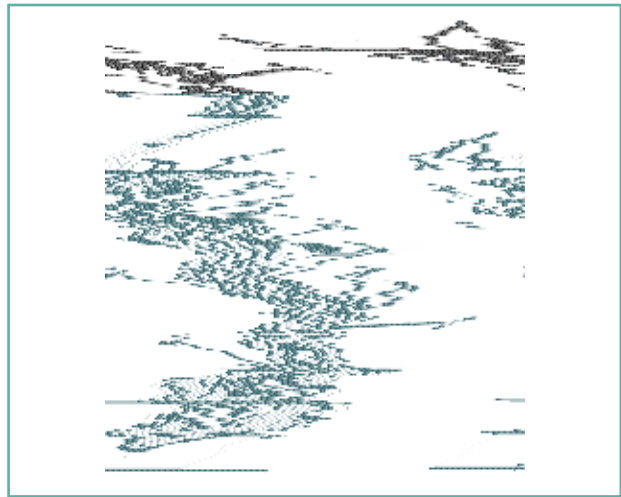
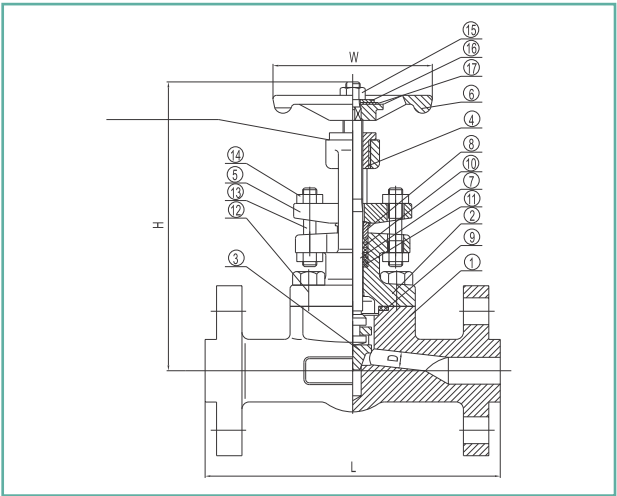
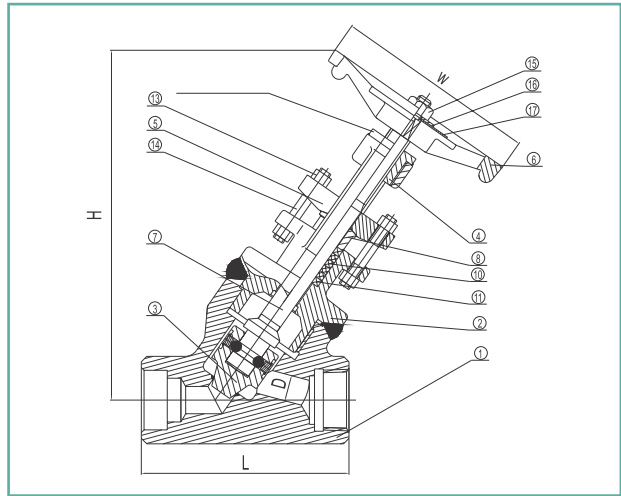
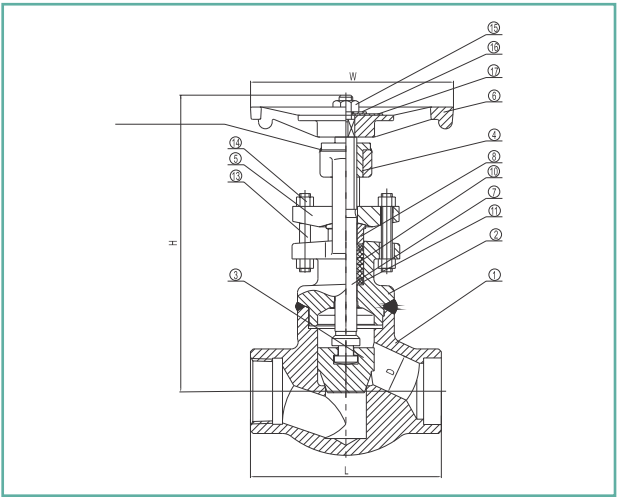
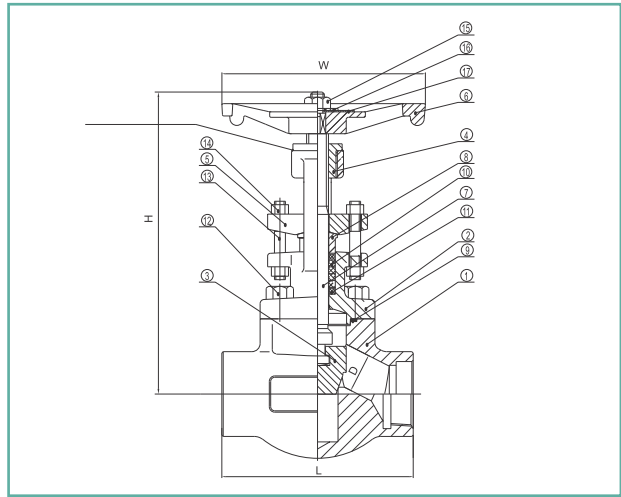
-API 602

&

-ASME B16.10

-ASME B16.10

			1/2		3/4		1		1-1/4		1-1/2		2	
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L	108	4.25	117	4.61	127	5	140	5.51	165	6.50	203	7.99
	Class 300	L	152	5.98	178	7.01	203	7.99	-	-	229	9.02	267	10.51
	Class 600	L	165	6.50	190	7.48	216	8.50	-	-	241	9.49	292	11.50
		D	9.5	0.37	13	0.51	18	0.69	23.5	0.93	28.5	1.12	36.5	1.44
		H	167	6.57	167	6.57	196	7.72	236	9.29	252	9.92	282	11.10
		W	100	3.94	100	3.94	120	4.72	160	6.30	160	6.30	220	8.66



1		ASTM A105/STLOVERLAY	ASTMA182-F11/F22/STL	ASTM A182-F304/F316/STL
2		ASTM A105	ASTMA182 F11/F22	ASTMA182 F304/F316
3		ASTM A182-F6a	ASTM A182-F6a	ASTMA182 F304/F316
4		ASTM A276-420	ASTM A276-420	ASTMA276-420
5		ASTM A216-WCB	ASTM A216-WCB	ASTMA351-CF8
6		DUCTILE IRON	DUCTILE IRON	DUCTILE IRON
7		ASTMA182-F6a	ASTMA182-F6a	ASTMA182 F304/F316
8		ASTM A276-420	ASTM A276-420	ASTMA276-304/316L
9		304SS/	304SS/	304SS/
10				
11				
12		ASTM A193-B7	ASTMA193-B16	ASTMA193-B8
13		ASTM A193-B8	ASTMA193-B8	ASTMA193-B8
14		ASTM A194-8	ASTMA194-8	ASTMA194-8
15				ASTMA276-304
16				ASTMA276-304
17		ASTMA276-304	ASTMA276-304	ASTMA240-304

Class 800

-API 602

		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	D	76	2.99	76	2.99	86	3.39	102	4.02	140	5.51	140	5.51	170	6.69
	H	6.5	0.26	9.5	0.37	12.7	0.50	17.5	0.69	23.0	0.91	28.6	1.13	36.5	1.44
	W	150.8	5.94	150.8	5.94	166.8	6.57	206.3	8.12	270.3	10.64	281.3	11.07	350.3	13.79
	Kg/Lb	90	3.54	90	3.54	90	3.54	110	4.33	150	5.91	150	5.91	150	5.91
		2.0	4.41	2.0	4.41	2.5	5.51	3.5	7.72	7.0	15.43	7.0	15.43	10.5	23.15

Class 900/1500

-API 602

		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	D	90	3.54	90	3.54	104	4.09	120	4.72	150	5.91	150	5.91	180	7.09
	H	8.0	0.31	9.0	0.35	12.0	0.47	15	0.59	21	0.83	27	1.06	32	1.26
	W	165.7	6.52	165.7	6.52	191.8	7.55	226.8	8.93	278.3	10.96	280.3	11.04	312.3	12.30
	Kg/Lb	179.7	7.07	179.7	7.07	207.3	8.16	239.7	9.44	281.8	11.09	285.8	11.25	316.3	12.45
		90	3.54	90	3.54	110	4.33	150	5.91	150	5.91	180	7.09	180	7.09
		2.5	5.51	2.5	5.51	3.0	6.61	5.5	12.13	8.5	18.74	8.5	18.74	14.5	31.97

Class 900/1500

-API 602															
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		120	4.72	120	4.72	120	4.72	-	-	165	6.50	178	7.01	216	8.5
	D	8.0	0.31	9.0	0.35	12.0	0.47	-	-	21	0.83	27	1.06	30	1.18
	H	285.3	11.23	85.3	11.23	285.3	11.23	-	-	395.8	15.58	395.8	15.58	446.8	17.59
	W	150	5.91	150	5.91	150	5.91	-	-	200	7.87	200	7.87	250	9.84
	Kg/Lb	7.5	16.53	7.5	16.53	7.5	16.53	-	-	18.5	40.79	19.0	41.89	28.5	62.83

Class 2500

-ASME B16.34															
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		120	4.72	120	4.72	140	5.51	186	7.32	232	9.13	232	9.13	279	10.98
	D	8.0	0.31	9.0	0.35	12.0	0.47	15	0.59	19	0.75	27	1.06	27	1.06
	H	205	8.07	205	8.07	260	10.24	302	11.89	340	13.39	340	13.39	390	15.35
	W	150	5.91	150	5.91	180	7.09	200	7.87	250	9.84	250	9.84	350	13.78
	Kg/Lb	7.5	16.53	7.5	15.43	9.0	19.84	15.5	34.17	26	57.32	26	57.32	36	79.37

Class 2500

-ASME B16.34															
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		120	4.72	120	4.72	140	5.51	186	7.32	232	9.13	232	9.13	279	10.98
	D	8.0	0.31	9.0	0.35	12.0	0.47	15	0.59	19	0.75	27	1.06	27	1.06
	H	295.3	11.63	295.3	11.62	346.3	13.63	389.3	15.33	430.4	16.94	430.4	16.94	478.8	18.85
	W	150	5.91	150	5.91	180	7.09	200	7.87	250	9.84	250	9.84	350	13.78
	Kg/Lb	7.5	16.53	7.5	16.53	12.0	26.46	19.5	42.99	28	61.73	28	61.73	40	88.18

Class 900/1500

-API 602												-ASME B16.10 -ASME B16.5			
		1/2		3/4		1		1-1/2		2					
	L	mm	in	mm	in	mm	in	mm	in	mm	in				
		216	8.50	229	9.02	254	10.00	305	12.01	368	14.49				
	D	9.0	0.35	12.0	0.47	15.0	0.59	27.0	1.06	32.0	1.26				
	H	165.7	6.52	191.8	7.55	226.8	8.93	280.3	11.04	312.3	12.30				
	W	90	3.54	110	4.33	150	5.91	180	7.09	180	7.09				
	Kg/Lb	7.0	15.43	9.0	19.84	14.5	31.97	22	48.50	40	88.18				

Class 800 Y

-API 602															
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		80	3.15	80	3.15	90	3.54	110	4.33	125	4.92	155	6.10	180	7.09
	D	9.5	0.37	12	0.47	17	0.67	23	0.91	28	1.10	36	1.42	44	1.73
	H	170	6.69	170	6.69	200	7.87	242	9.53	276	10.87	295	11.61	327	12.87
	W	90	3.54	90	3.54	110	4.33	150	5.91	150	5.91	150	5.91	180	7.09
	Kg/L	2.0	4.41	2.5	5.51	3.5	7.72	5.0	11.02	6.5	14.33	8.0	17.64	12.5	27.56

Class 900-1500 Y

-API 602															
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		80	3.15	90	3.54	110	4.33	125	4.92	155	6.10	180	7.09	200	7.87
	D	9.5	0.37	12	0.47	15	0.59	21	0.83	27	1.06	32	1.26	38	1.50
	H	170	6.69	200	7.87	238	9.37	272	10.71	308	12.13	326	12.83	376	14.80
	W	90	3.54	110	4.33	150	5.91	150	5.91	180	7.09	180	7.09	200	7.87
	Kg/L	2.8	6.17	4.0	8.82	5.0	11.02	7.5	16.53	9.0	19.84	13	28.66	18	39.68

Class 2500 Y

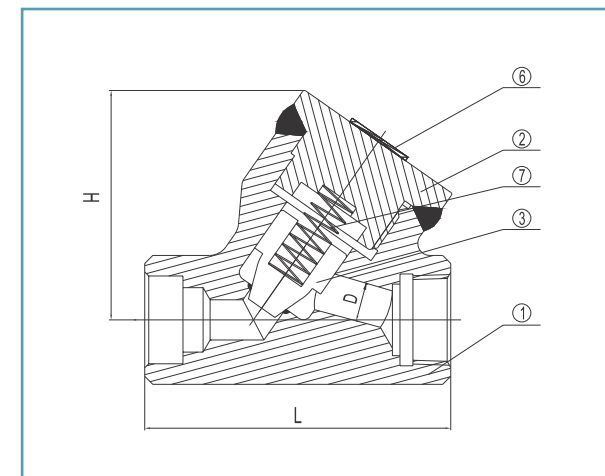
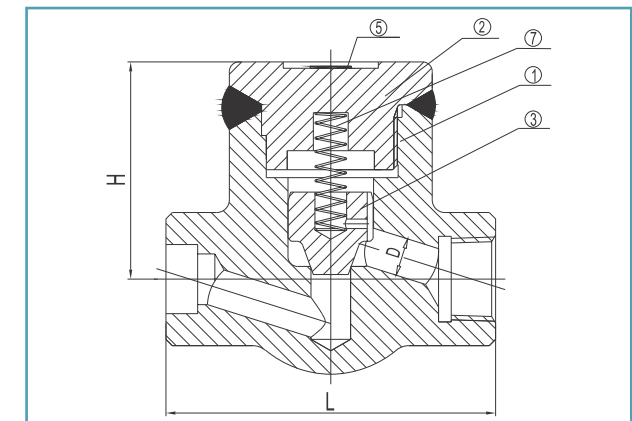
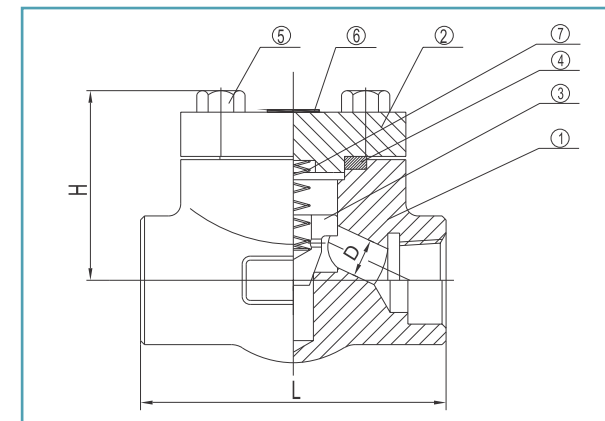
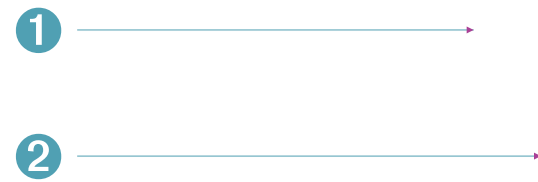
-ASME B16.34															
		3/8		1/2		3/4		1		1-1/2		2			
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		-	-	110	4.33	125	4.92	180	7.09	200	7.87	230	9.06		
	D	-	-	12	0.47	15	0.59	21	0.83	28	1.10	35	1.38		
	H	-	-	239.6	9.43	274.1	10.79	325.5	12.81	372.9	14.68	446.2	17.57		
	W	-	-	150	5.91	150	5.91	180	7.09	200	7.87	300	11.81		
	Kg/Lb	-	-	5.5	12.13	7.5	16.53	13.5	29.76	18.5	40.79	25	55.12		

Class 900-1500 Y

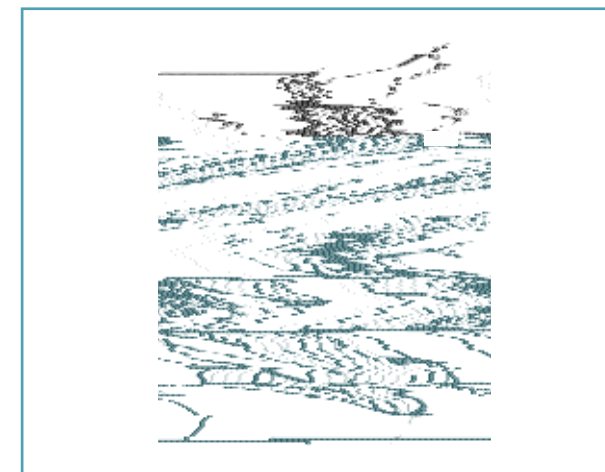
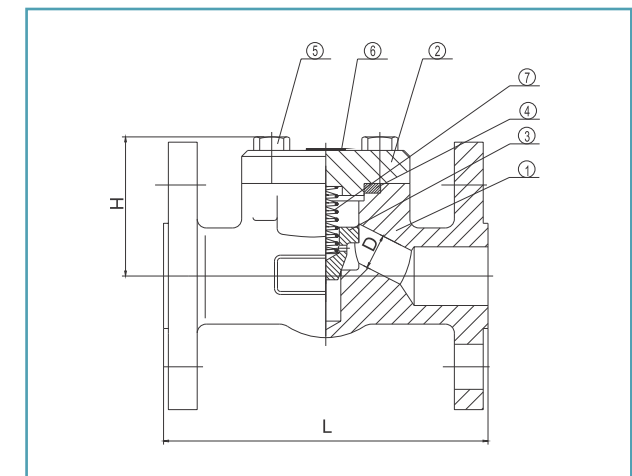
-API 602															
		1/2		3/4		1		1-1/2		2					
	L	mm	in	mm	in	mm	in	mm	in	mm	in				
		140	5.51	140	5.51	140	5.51	178	7.01	216	8.50				
	D	10	0.39	15	0.59	21	0.83	32	1.26	38	1.50				
	H	350	13.78	350	13.78	350	13.78	450	17.72	450	17.72				
	W	200	7.87	200	7.87	200	7.87	250	9.84	300	11.81				
	Kg/Lb	9.0	19.84	9.5	20.94	11.5	25.35	16.5	36.38	30	66.14				

Class 2500 Y

-ASME B16.34															
		1/2		3/4		1		1-1/2		2					
	L	mm	in	mm	in	mm	in	mm	in	mm	in				
		140	5.51	178	7.01	216	8.5	216	8.5	279	10.98				
	D	12	0.47	15	0.59	21	0.83	28	1.10	38	1.50				
	H	380	14.96	405	15.94	430	16.93	480	18.90	520	20.47				
	W	180	7.09	200	7.87	250	9.84	350	13.78	350	13.78				
	Kg/Lb	10	22.05	13	28.66	15	33.07	25	55.12	42.5	93.70				



Y



1		ASTMA105/STL.OVERLAY				ASTMA182-F11/F22/STL				ASTMA182-F304/F316/STLOVERLAY			
2		ASTMA105				ASTMA182-F11/F22				ASTMA182-F304/F316			
3		ASTMA182-F6a				ASTMA182-F6a				ASTMA182-F304/F316			
4		304				304				304/316			
5		ASTMA193-B7				ASTMA193-B16				ASTMA193-B8			
6		ASTMA276 304				ASTMA276 304				ASTMA276 304			
7		ASTMA276 316				ASTMA276-316				ASTMA276-316			

Class 800

-API 602															
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
		1/4		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		76	2.99	76	2.99	86	3.39	102	4.02	140	5.51	140	5.51	170	6.69
	D	6.5	0.26	9.5	0.37	12.7	0.50	17.5	0.69	23	0.91	28.6	1.13	36.5	1.44
	H	48	1.89	48	1.89	53	2.09	64	2.52	80	3.15	80	3.15	100	3.94
		49	1.93	49	1.93	58	2.28	70	2.76	96	3.78	90	3.54	125	4.92
	Kg/Lb	1	2.2	1	2.20	1.5	3.31	2	4.41	4.5	9.92	6	13.23	7.5	16.53

Class 900-1500

-API 602															
		1/2		3/4		1		1-1/4		1-1/2		2			
		3/8		1/2		3/4		1		1-1/4		1-1/2			
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
		90	3.54	104	4.09	120	4.72	150	5.91	150	5.91	180	7.09		
	D	9	0.35	12	0.47	15	0.59	21	0.83	27	1.06	32	1.26		
	H	56	2.20	62	2.44	72	2.83	92.5	3.64	92.5	3.64	111	4.37		
		61.5	2.42	68.5	2.70	72.5	2.85	83.5	3.29	83.5	3.29	100.5	3.96		
	Kg/Lb	1.5	3.31	2.5	5.51	4	8.82	6	13.23	8.5	18.74	14.5	31.97		

Class 900-1500

-API 602															
		1/2		3/4		1		1-1/4		1-1/2		2			
		3/8		1/2		3/4		1		1-1/4		1-1/2			
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
		120	4.72	120	4.72	140	5.51	165	6.50	186	7.32	232	9.13		
	D	9	0.35	12	0.47	15	0.59	21	0.83	27	1.06	30	1.18		
	H	188	7.40	188	7.40	196	7.72	220	8.66	220	8.66	238	9.37		
	Kg/Lb	5	11.02	6.5	14.33	8	17.64	13.5	29.76	15	33.07	25	55.12		

Class 2500

-ASME B16.34															
		1/2		3/4		1		1-1/4		1-1/2		2			
		3/8		1/2		3/4		1		1-1/4		1-1/2			
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
		120	4.72	140	5.51	186	7.32	-	-	232	9.13	279	10.98		
	D	9	0.35	12	0.47	15	0.59	-	-	27	1.06	27	1.06		
	H	90	3.54	100	3.94	115	4.53	-	-	140	5.51	160	6.30		
	Kg/Lb	3.5	7.72	5.5	12.13	10.5	23.15	-	-	18.5	40.79	25	55.12		

Class 2500

-ASME B16.34													
		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		120	4.72	140	5.51	186	7.32	-	-	232	9.13	279	10.98
	D	9	0.35	12	0.47	15	0.59	-	-	27	1.06	27	1.06
	H	172	6.77	195	7.68	214	8.43	-	-	241	9.49	260	10.24
	Kg/Lb	3.5	7.72	5.5	12.13	10.5	23.15	-	-	18.5	40.79	25	55.12

Class 800 Y

-API602															
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		80	3.15	80	3.15	90	3.54	110	4.33	125	4.92	155	6.10	180	7.09
	D	9.5	0.37	12	0.47	17	0.67	23	0.91	28	1.10	36	1.42	44	1.73
	H	68.5	2.70	68.5	2.70	78.5	3.09	89.5	3.52	105.5	4.15	123.5	4.86	147.5	5.81
	Kg/Lb	1	2.20	1.5	3.31	2	4.41	4.5	9.92	8	17.64	8	17.64	11	24.25

Class 900-1500 Y

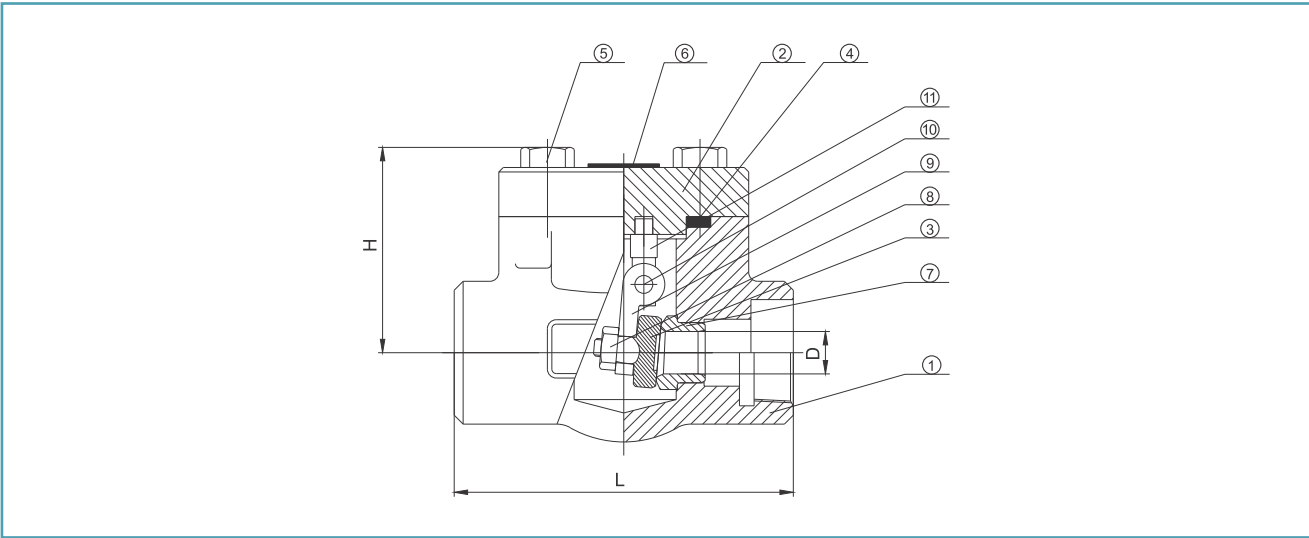
-API602															
		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		80	3.15	90	3.54	110	4.33	125	4.92	155	6.10	180	7.09	200	7.87
	D	9.5	0.37	12	0.47	15	0.59	21	0.83	27	1.06	32	1.26	38	1.50
	H	71.8	2.83	82.5	3.25	84.2	3.31	104.7	4.12	121.7	4.79	143.3	5.64	55.2	6.11
	Kg/Lb	2	4.41	3	6.61	4.2	9.26	5.2	11.46	9.5	20.94	11	24.2	15	33.07

Class 150-300-600

-ASME B16.10															
-API602								-ASME B16.5							
				1/2		3/4		1		1-1/4		1-1/2		2	
				mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L		108	4.25	117	4.61	127	5	140	5.51	165	6.50	203	7.99
	Class 300	L		152	5.98	178	7.01	203	7.99	-	-	229	9.02	267	10.51
	Class 600	L		165	6.50	190	7.48	216	8.50	-	-	241	9.49	292	11.50
		D		9.5	0.37	12.7	0.50	17.5	0.69	23	0.91	28.6	1.13	36.5	1.44
		H		50	1.97	54	2.13	68	2.68	78	3.07	78	3.07	96	3.78
	Class 150			2.5	5.51	3.3	7.28	4.3	9.48	6.5	14.33	9	19.84	13	28.66
	Class 300	Kg/Lb		3.0	6.61	3.8	8.38	5.2	11.46	-	-	10.5	23.15	15	33.07
	Class 600			3.5	7.72	4.5	9.92	6.0	13.23	-	-	12	26.46	17	37.48

Class 900-1500

-API602				-ASME B16.5							
		1/2		3/4		1		1-1/2		2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in
		216	8.50	229	9.02	254	10	305	12.01	368	14.49
	D	9	0.35	12	0.47	15	0.59	27	1.06	32	1.26
	H	53	2.09	60	2.36	70	2.76	86	3.39	105	4.13
	Kg/Lb	6	13.23	7.5	16.53	12	26.46	21	46.30	32.5	71.65



1		ASTMA105	ASTMA182-F11/F22	ASTMA182-F304/F316
2		ASTMA105	ASTMA182-F11/F22	ASTMA182-F304/F316
3		ASTMA182-F6a	ASTMA182-F6a	ASTMA182-F304/F316
4		304	304SS/	304/316SS/
5		ASTMA193-B7	ASTMA193-B16	ASTMA193-B8
6		ASTMA276 304	ASTMA240-304	ASTM A240-304
7		ASTM A276-410/STLOVERLAY	ASTMA276-410/STLOVERLAY	ASTMA182-F304/F316/STLOVERLAY
8		ASTM A276-304	ASTMA276-304	ASTMA276-304/316
9		ASTM A216-WCB	ASTM A217-WC6/WC9	ASTM A351-CF8/CF8M
10		ASTM A276-410	ASTMA276-410	ASTM A276-F304/316
11		ASTMA105	ASTMA182-F11/F22	ASTMA182-F304/F316

Class 800

-API 602													
		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		76	2.99	86	3.39	102	4.02	118	4.65	118	4.65	132	5.2
	D	9.5	0.37	12.7	0.50	17.5	0.69	23.8	0.94	28.6	1.13	36.5	1.44
	H	48.5	1.91	52	2.05	67	2.64	88	3.46	88	3.46	101	3.98
	Kg/Lb	1.5	3.31	2.3	5.07	2.8	6.17	4.0	8.82	5.7	12.57	7.7	16.98

Class 900-1500

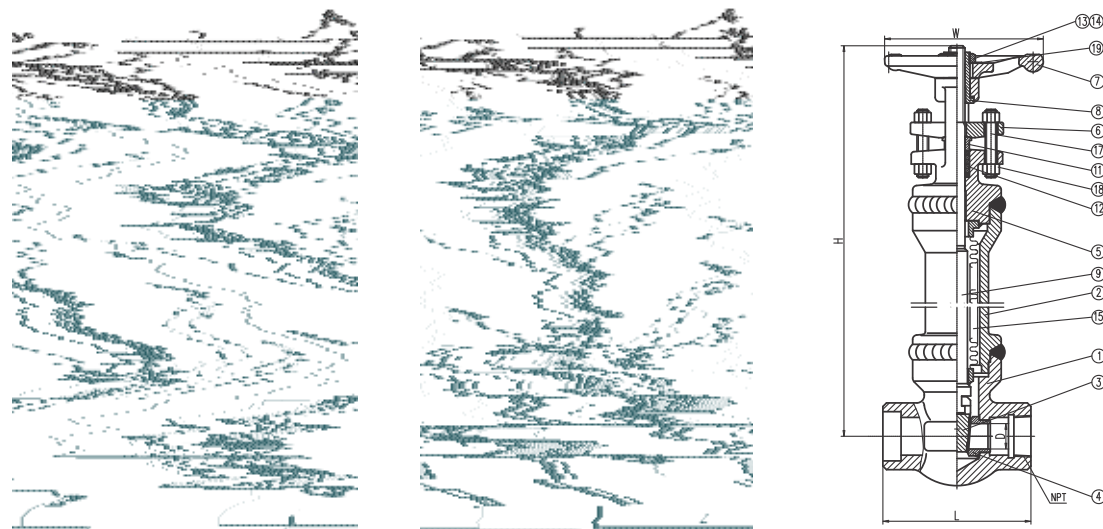
-API 602													
		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		90	3.54	104	4.09	120	4.72	130	5.12	130	5.12	132	5.2
	D	9.5	0.37	12.7	0.50	16	0.63	27	1.6	27	1.06	36.5	1.44
	H	57.5	2.26	66	2.60	78.5	3.09	106	4.17	106	4.17	101	3.98
	Kg/Lb	1.8	3.97	2.5	5.51	3.8	8.38	6.5	14.33	6.5	14.33	7.7	16.98

Class 150-300-600

-API602			-ASME B16.5									
			1/2		3/4		1		1-1/2		2	
			mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L	108	4.25	117	4.61	127	5.0	165	6.50	203	7.99
	Class 300	L	152	5.98	178	7.01	216	8.50	241	9.49	267	10.51
	Class 600	L	165	6.50	190	7.48	216	8.50	241	9.49	292	11.50
		D	9.5	0.37	12.7	0.50	17.5	0.69	28.6	1.13	36.5	1.44
		H	48.5	1.91	52	2.05	67	2.64	88	3.46	101	3.98
	Class 150	Kg/Lb	2.5	5.51	3.3	7.28	4.3	9.48	9.0	19.84	13	28.66
	Class 300		3.0	6.61	3.8	8.38	5.2	11.46	10.5	23.15	15	33.07
	Class 600		3.5	7.72	4.5	9.92	6.0	13.23	12	26.46	17	37.48

Class 2500

-ASME B16.34											
		1/2		3/4		1		1-1/2		2	
		3/8		1/2		3/4		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in
		178	7.01	178	7.01	186	7.32	232	9.13	279	10.97
	D	9.0	0.35	12.0	0.47	15	0.59	27	1.06	34.5	1.36
	H	81	3.19	81	3.19	94	3.70	158	6.22	180	7.09
	Kg/Lb	4.5	9.92	7.5	16.53	8.0	17.64	15	33.07	19.5	42.99



1		ASTMA105N	ASTM A182 F11/F22	ASTMA182-F304/F316
2		ASTM A105N	ASTM A182-F11/F22	ASTM A182-F304/F316
3		ASTMA182-F6a	ASTMA182-F6a	ASTM A182-F304/F316
4		ASTM A276-410/STL.OVERLAY	ASTM A276-410/STL.OVERLAY	ASTM A182
5		ASTM A105N	ASTM A182 F11/F22	ASTM A182 F304/F316
6		ASTM A216 WCB	ASTM A216 WCB	ASTMA351 Cf8
7		DUCTILE IRON	DUCTILE IRON	DUCTILE IRON
8		ASTM A276 420	ASTM A276 420	ASTM A276 420
9		ASTM A182 F6a	ASTM A182 F6a	ASTM A182 F304/F316
10		304SS/	304SS/	304/316SS/
11		ASTM A276 420	ASTM A276 420	ASTM A276 304/316
12				DUCTILE IRON
13				ASTM A276 304
14		ASTM A276 304	ASTM A276 304	ASTIM A276 304
15		ASTM A276 316Ti	ASTM A276 316Ti	ASTM A276 316Ti
16		ASTMA193 B7	ASTMA193 B16	ASTMA193 B8
17		ASTMA193 B8	ASTMA193 B8	ASTMA193 B8
18		ASTMA194 8	ASTMA194 8	ASTMA194 8
19		ASTM A276 304	ASTM A276 304	ASTM A276 304

Class 800

-API 602

		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	D	76	2.99	86	3.39	102	4.02	118	4.65	118	4.65	132	5.20
	D	9.5	0.37	12.7	0.5	17.5	0.69	23.8	0.94	28.6	1.13	36.5	1.44
	H	329.2	12.96	353.7	13.93	425.5	16.75	577.4	22.73	577.4	23.73	712.1	28.04
		289.2	11.39	319.8	12.59	372.7	14.67	533.3	21.00	533.3	21.00	700	27.56
	W	90	3.54	90	3.54	110	4.33	150	5.91	150	5.91	150	5.91
	Kg/Lb	3.5	7.72	4.0	8.82	5.5	12.13	8.5	18.74	8.5	18.74	16	35.27

Class 900/1500

-API 602

		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
	D	90	3.54	104	4.09	120	4.72	130	5.12	130	5.12	150	5.91
	D	9.5	0.37	12.7	0.5	16	0.63	22.5	0.89	27	1.06	35	1.38
	H	300	11.81	320	12.60	380	14.96	530	20.87	530	20.87	580	22.83
	W	90	3.54	110	4.33	150	5.91	150	5.91	150	5.91	180	7.09
	Kg/Lb	5	11.02	7.5	16.53	11.5	25.35	19	41.89	19	41.89	30	66.14

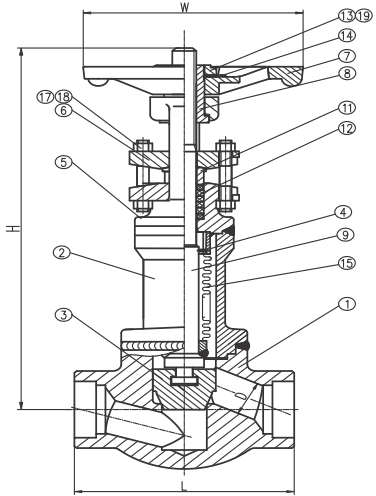
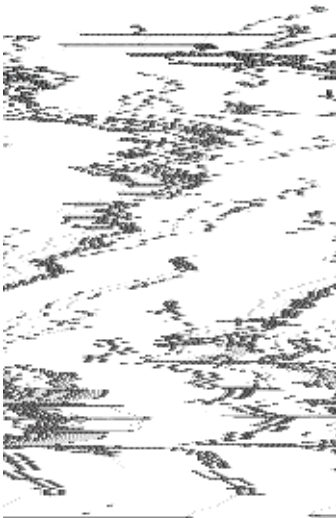
Class 150-300-600

-API602

-ASME B16.5

-ASME B16.10

			1/2		3/4		1		1-1/2		2	
			mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L	108	4.25	117	4.61	127	5.0	165	6.50	178	7.01
	Class 300	L	140	5.51	152	5.98	165	6.50	190	7.48	216	8.5
	Class 600	L	165	6.50	190	7.48	216	8.50	241	9.49	292	11.50
		D	9.5	0.37	12.7	0.50	17.5	0.69	28.6	1.13	36.5	1.44
		H	145.5	5.73	151.8	5.98	179.7	7.07	247	9.72	268.7	10.58
		W	90	3.54	90	3.54	110	4.33	150	5.91	150	5.91
	Class 150		3	6.61	3.8	8.38	4.8	10.58	10	22.05	15	33.07
	Class 300	Kg/Lb	3.4	7.50	4.5	9.92	5.7	12.57	11.5	25.35	17	37.48
	Class 600		4	8.82	5.2	11.46	6.6	14.55	12.7	28.00	18	39.68



1		ASTMA105NSTL.OVERLAY	ASTMA182	ASTMA182
2		ASTMA105N	ASTMA182-F11/F22	ASTMA182-F304/F316
3		ASTMA182-F6a	ASTMA182-F6a	ASTMA182-F304/F316
4		ASTMA276 304	ASTMA276 304	ASTMA276 304
5		ASTMA105N	ASTMA182 F11/F22	ASTMA182 F304/F316
6		ASTM A216 WCB	ASTM A216 WCB	ASTM A351 CF8
7		DUCTILE IRON	DUCTILE IRON	DUCTILE IRON
8		ASTM A276 420	ASTM A276 420	ASTM A276 420
9		ASTMA182 F6a	ASTMA182 F6a	ASTMA182 F304/F316
10		304SS/	304SS/	304/316SS/
11		ASTMA276 420	ASTMA276 420	ASTMA276 304/316
12				
13				ASTMA276 304
14		ASTMA276 304	ASTMA276 304	ASTMA276 304
15		ASTMA276 316Ti	ASTMA276 316Ti	ASTMA276 316Ti
16		ASTMA193 B7	ASTMA193 B16	ASTMA193 B8
17		ASTMA193 B8	ASTMA193 B8	ASTMA193 B8
18		ASTMA194 8	ASTMA194 8	ASTMA194 8
19		ASTMA276 304	ASTMA276 304	ASTMA276 304

Class 800

-API 602

		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		76	2.99	86	3.39	102	3.39	140	5.51	140	5.51	170	6.69
	D	9.5	0.37	12.7	0.50	17.5	0.50	23	0.91	28.6	1.13	36.5	1.44
	H	356.1	14.02	363.5	14.31	416.3	14.31	506.3	19.93	506.3	19.93	599.2	23.59
		311.7	12.27	353.5	13.92	363.8	13.92	464.8	18.30	452.3	17.81	563.8	22.20
	W	110	4.33	110	4.33	110	4.33	150	5.91	150	5.91	180	7.09
	Kg/Lb	3.5	7.72	4.5	9.92	5.5	9.92	11	24.25	11	24.25	17.5	38.58

Class 900/1500

-API 602

		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		90	3.54	104	4.09	120	4.72	130	5.91	150	5.91	180	7.09
	D	9.0	0.35	12.0	0.47	15.0	0.59	27	1.06	27	1.06	32	1.26
		356.7	14.04	434.8	17.12	482.7	19.00	587.8	23.14	587.8	23.14	630	24.80
	H	90	3.54	110	4.33	150	5.91	180	7.09	180	7.09	250	9.84
		5.5	12.13	7.5	16.53	11.5	25.35	19	41.89	19	41.89	32	70.55

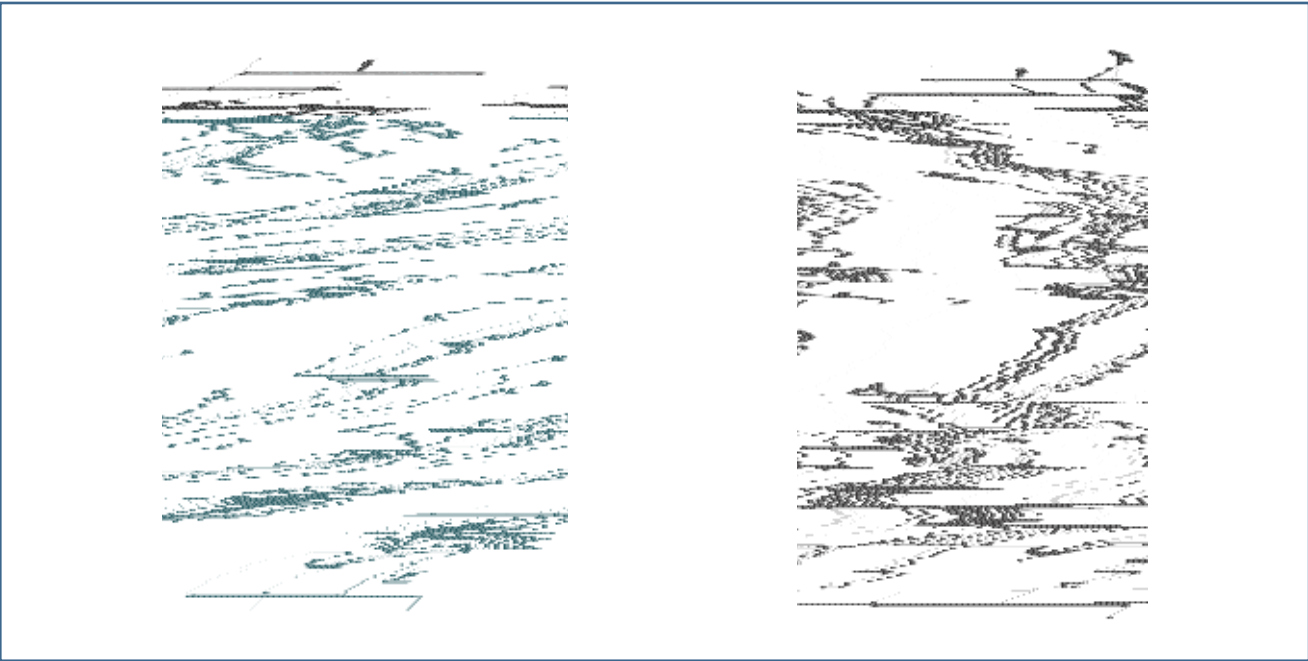
Class 150-300-600

-API 602

-ASME B16.10

-ASME B16.5

			1/2		3/4		1		1-1/2		2	
			mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L	108	4.25	117	4.61	127	5.0	165	6.50	203	7.01
			152	5.98	178	7.01	203	7.99	229	9.02	267	8.5
	Class 300	L	165	6.50	190	7.48	216	8.50	241	9.49	292	11.50
			9.5	0.37	12.7	0.50	17.5	0.69	28.6	1.13	36.5	1.44
	D	H	356.1	14.02	363.5	14.31	416.3	16.39	506.3	19.93	599.2	10.58
			110	4.33	110	4.33	110	4.33	150	5.91	180	5.91
	W	Kg/Lb	5.5	12.13	6.0	13.23	8.5	18.74	14	30.86	21.5	33.07
			6.0	13.23	7.0	15.43	10.5	23.15	17	37.48	25	37.48
	Class 150	Kg/Lb	6.5	14.33	7.5	16.53	11	24.25	18.5	40.79	26.5	39.68
			6.5	14.33	7.5	16.53	11	24.25	18.5	40.79	26.5	39.68



1		ASTM A182 F304/ F316
2		ASTM A182 F304/ F316
3		ASTM A182 F304/ F316/ STL.OVERLAY
4		ASTM A182 F304/ F316/ STL.OVERLAY
5		ASTM A182 F304/ F316/ STL.OVERLAY
6		ASTM A351 CF8
7		
8		
9		ASTM A182 F304/F316
10		304SS/SPIRAL WOUND GRAPHITE
11		ASTM A276 304 /316
12		
13		ASTM A276 304
14		ASTM A276 304
15		ASTM A276 304
16		ASTM A320 B8 CI2
17		ASTM A193 B8
18		ASTM A194 8
19		ASTM A276 304
20		ASTM A276 304

Class 800

-API 602

		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		76	2.99	86	3.39	102	4.02	118	4.65	118	4.65	132	5.20
	D	9.5	0.37	12.7	0.50	17.5	0.69	23.8	0.94	28.6	1.13	36.5	1.44
	H	403	15.87	428	16.85	470.5	18.52	499.3	19.66	503.4	19.82	549.6	21.64
	W	90	3.54	110	4.33	150	5.91	150	5.91	150	5.91	180	7.09
	Kg/Lb	3	6.61	3.7	8.16	5.3	11.68	8.5	18.74	8.5	18.74	10.8	23.81

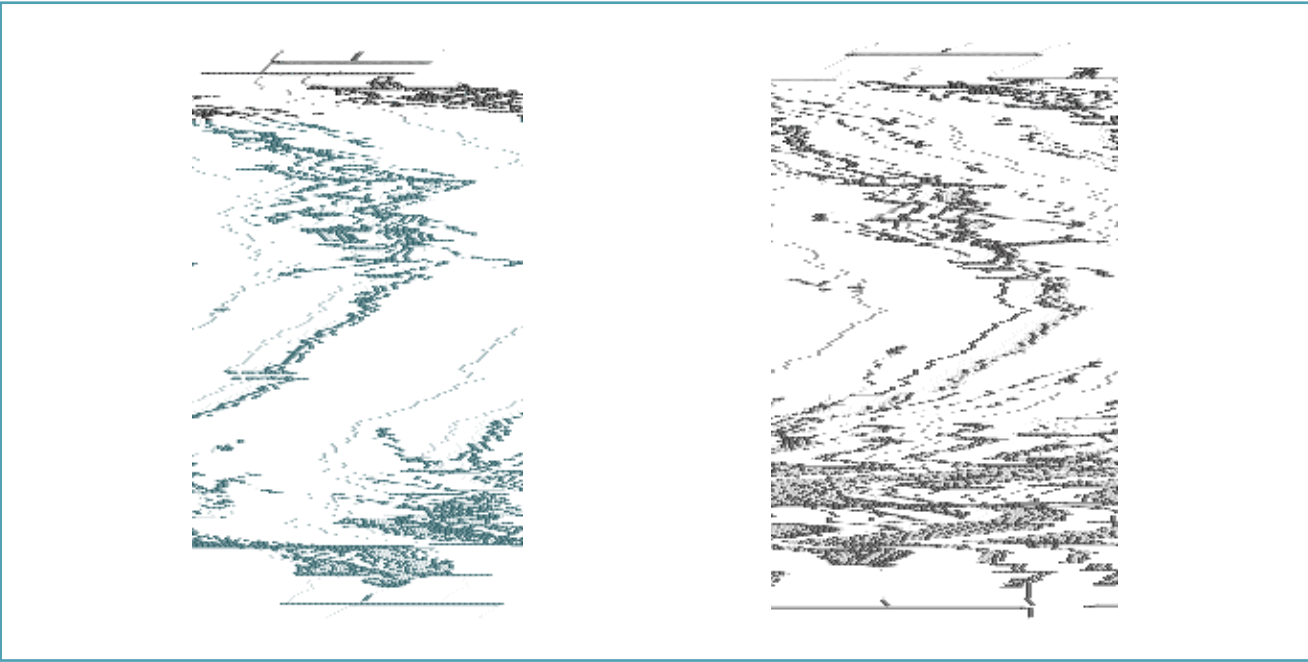
Class 150-300-600

-API602

-ASME B16.5

-ASME B16.10

			1/2		3/4		1		1-1/2		2	
			mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L	108	4.25	117	4.61	127	5.0	165	6.50	178	7.01
	Class 300	L	140	5.51	152	5.98	165	6.50	190	7.48	216	8.50
	Class 600	L	165	6.50	190	7.48	216	8.50	241	9.49	292	11.50
		D	9.5	0.37	12.7	0.50	17.5	0.69	28.6	1.13	36.5	1.44
		H	403	15.87	428	16.85	470.5	18.52	503.4	19.82	549.6	21.64
		W	90	3.54	110	4.33	150	5.91	150	5.91	180	7.09
	Class 150		4.5	9.92	5.5	12.13	7	15.43	13	28.66	18.5	40.79
	Class 300	Kg/Lb	5	11.02	6.2	13.67	8	17.64	12.5	27.56	20.5	45.19
	Class 600		5.6	12.35	7	15.43	9	19.84	15.5	34.17	21.5	47.40



1		ASTM A182 F304 /F316/STL.OVERLAY
2		ASTM A182 F304 /F316
3		ASTM A182 F304/ F316/ STL.OVERLAY
4		
5		ASTM A182 F304/ F316/ STL.OVERLAY
6		ASTM A351 CF8
7		
8		ASTM A276 304/316
9		ASTM A182 F304 /F316
10		304 /316SS /
11		ASTM A320 B8 CI2
12		DUCTILE IRON
13		ASTM A276 304
14		ASTM A276 304
15		ASTM A193 B8
16		ASTM A194 8
17		ASTM A276 304
18		ISO 3506 A1-50
19		ASTM A276 304

Class 800

-API 602

		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		76	2.99	86	3.39	102	4.02	140	5.51	140	5.51	170	6.69
	D	9.5	0.37	12.7	0.50	17.5	0.69	23	0.91	28.6	1.13	36.5	1.44
	H	394.3	15.52	16.7	16.41	470.5	18.52	91.8	19.36	537.8	21.17	569.8	22.43
	W	90	3.54	110	4.33	150	5.91	150	5.91	180	7.09	180	7.09
	Kg/Lb	3	6.61	3.5	7.72	6	13.23	9	19.84	10.5	23.15	15.5	34.17

Class 150-300-600

-API602

-ASME B16.5

-ASME B16.10

			1/2		3/4		1		1-1/2		2	
			mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L	108	4.25	117	4.61	127	5.0	165	6.50	203	7.99
	Class 300	L	152	5.98	178	7.01	203	7.99	229	7.48	267	10.51
	Class 600	L	165	6.50	190	7.48	216	8.50	241	9.49	292	11.50
		D	9.5	0.37	12.7	0.50	17.5	0.69	28.6	1.13	36.5	1.44
		H	394.3	15.52	416.7	16.41	470.3	18.52	537.8	19.82	569.8	22.43
		W	90	3.54	110	4.33	150	5.91	180	5.91	180	7.09
	Class 150		5	11.02	6	13.23	7.5	16.53	15	28.66	20	44.09
	Class 300	Kg/Lb	5.6	12.35	7.5	16.53	8.3	18.30	16.5	27.56	22	48.50
	Class 600		6.1	13.45	7.8	17.20	9.1	20.06	18	34.17	24	52.91



1		ASTM A182 F304 / F316/STL.OVERLAY
2		ASTM A182 F304 / F316
3		ASTM A182 F304/ F316/ STL.OVERLAY
4		
5		ASTM A182 F304/ F316/ STL.OVERLAY
6		ASTM A351 CF8
7		DUCTILE IRON

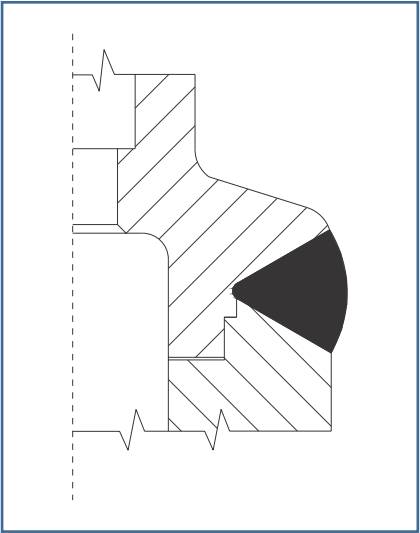
Class 800
-API 602

		1/2		3/4		1		1-1/4		1-1/2		2	
		3/8		1/2		3/4		1		1-1/4		1-1/2	
	L	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
		76	2.99	86	3.39	102	4.02	140	5.51	140	5.51	170	6.69
	D	9.5	0.37	12.7	0.50	17.5	0.69	23	0.91	28.6	1.13	36.5	1.44
	H	48	1.89	53	2.09	64	2.52	80	3.15	80	3.15	100	3.94
	Kg/Lb	1	2.20	1.5	3.31	2	4.41	4.5	9.92	6	13.23	7.5	16.53

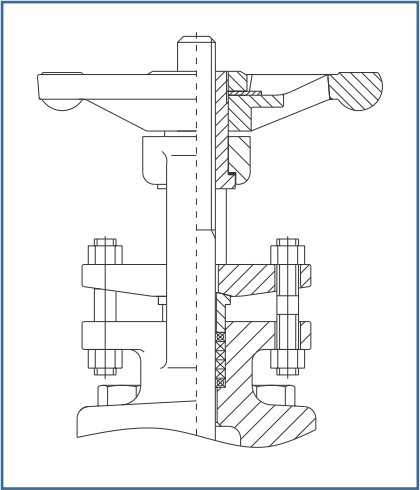
Class 150-300-600
-API602

-ASME B16.5

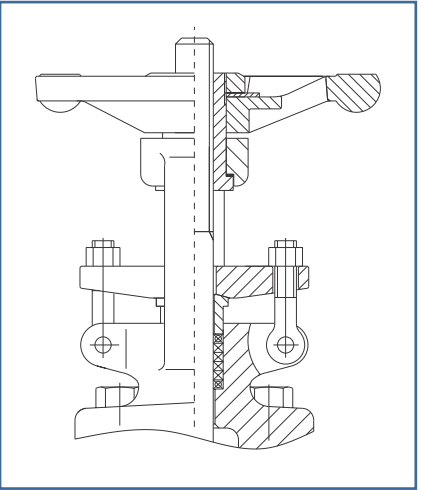
			1/2		3/4		1		1-1/2		2	
			mm	in	mm	in	mm	in	mm	in	mm	in
	Class 150	L	108	4.25	117	4.61	127	5.0	165	6.50	203	7.99
	Class 300	L	152	5.98	178	7.01	203	7.99	229	9.02	267	10.51
	Class 600	L	165	6.50	190	7.48	216	8.50	241	9.49	292	11.50
		D	9.5	0.37	12.7	0.50	17.5	0.69	28.6	1.13	36.5	1.44
		H	50	1.97	54	2.13	68	2.68	78	3.07	96	3.78
	Class 150		2.5	5.51	3.3	7.28	4.3	9.48	9	19.84	13	28.66
	Class 300	Kg/Lb	3	6.61	3.8	8.38	5.2	11.46	10.5	23.15	15	33.07
	Class 600		3.5	7.72	4.5	9.92	6	13.23	12	26.46	17	37.48



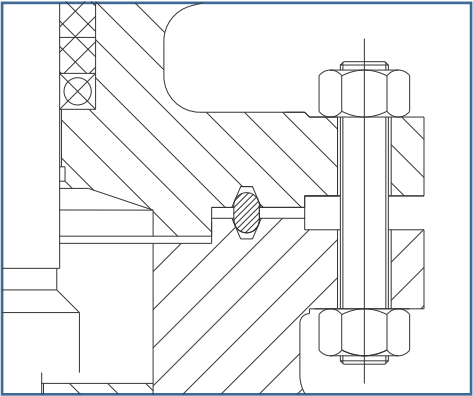
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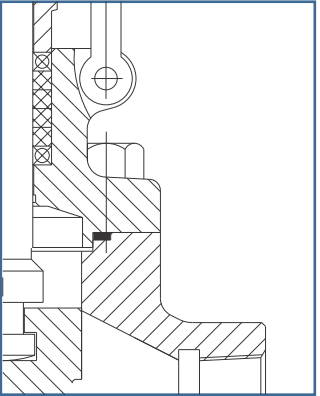
2



3



4



5

RTJ

1500 2500

5

