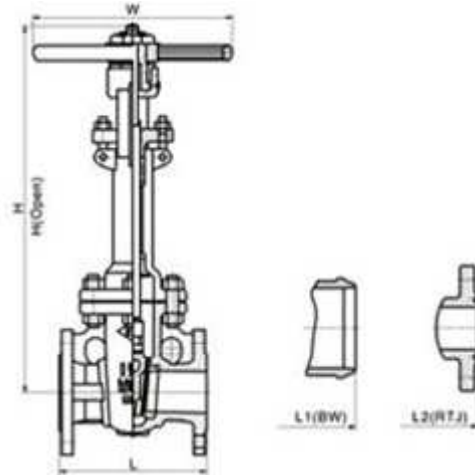




CLASS 150-600 CRYOGENIC GATE VALVE



Features:

CLASS 150~600 CRYOGENIC GATE VALVE

BOLTED LENGTHEN BONNET, Threaded or welded seat ring

Full bore, OS&Y, Rising stem, Flexible wedge

Pressure relief hole on seat

Stainless trim

ASTM A352 LCB, LC1, LC2, LC3, LC4

A351 CF8, A351 CF8M

Standards compliance

Design and Manufacture: API 600, API 6D, BS1414

Face to face (end to end): ANSI B16.10, API 6D

Flanged connection: 2~24 to ANSI B16.5

Butt welded end: ANSI B16.25



Test and inspection: API 598,API 6D

Material specification

NO.	Part	A352 LCB	A352 LC1	A352 LC2	A352 LC3	A352 LC4	A352 CF8
01	Body	A352 LCB	A352 LC1	A352 LC2	A352 LC3	A352 LC4	A352 CF8
02	Seat ring	A182 F304+STL	A182 F304+STL	A182 F304+STL	A182 F304+STL	A182 F304+STL	A182 F304+STL
03	Wedge	A352 LCB+STL	A352 LC1+STL	A352 LC2+STL	A352 LC3+STL	A352 LC4+STL	A352 CF8+STL
04	Stem	A182 F6a			A182 F304		
05	Gasket	Spiral wound/Soft Iron/PTFE					
06	Bolt	A320 L7			A193 B8		
07	Nut	A193 2H			A194 8		
08	Back seat	A182 F6a			A182 F304+STL		
09	Yoke	A352 LCB	A352 LC1	A352 LC2	A352 LC3	A352 LC4	A352 CF8
10	Gland Bocking	Graphite					
11	Gland	A182 F6a	A182 F6a	A182 F6a	A182 F6a	A182 F6a	A182 F6a
12	Gland Flange	A352 LCB	A352 LC1	A352 LC2	A352 LC3	A352 LC4	A352 CF8
13	Stem nut	Cu-Aolly,A439 D-2					
14	Yoke nut	A194 2H					
15	Handwheel	Malleable Iron/cast steel/Ducile/Fabricated					
16	Handwheel nut	A194 2H					
17	Nameplate	Stainless steel					
18	Pin	A182 F6a					
	Working temperature	-46	-60	-73	-101	-115	-196

CLASS 150~600 CRYOGENIC GATE VALVE



Classes	Dimensions																					
	Size	inch	2	2.5	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	34	36	
150	L-RF	mm	178	191	203	229	267	292	330	356	381	406	432	457	508	559	610	610	710	762	71	
	L1-BW	mm	216	241	283	305	403	419	457	502	572	610	660	711	813	864	914	914	965	1016	1016	
	L2-RT J	mm	191	203	216	241	279	305	343	368	394	419	445	470	521	559	610	610	710	762	711	
	H	mm	540	610	690	780	980	1180	1390	1620	1810	1970	2410	2410	3210	3600	3880	4000	4320	4310	5100	
	K	mm	200	200	250	600	350	350	400	450	500	500	600	750	750	915	915	915	1000	1000	1000	
	Wt	RF	kg	23	33	40	54	91	132	240	360	45	589	630	780	1240	1920	2430	2980	3160	3450	3980
		BW	kg	19	29	37	48	85	126	210	340	465	509	580	740	1130	1720	1810	2670	2870	3250	3370
RT J		kg	24	35	43	57	94	135	205	389	500	593	645	790	1260	1950	2470	3000	3200	3480	4000	
300	L-RF	mm	216	241	283	305	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1626	1727	
	L1-BW	mm	61	13	35	41	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1626	1727	
	L2-RT J	mm	232	257	298	321	419	435	473	518	778	854	930	1010	1165	1270	1372	1422	1553	1654	1756	
	H	mm	540	630	690	780	980	1080	1390	1020	1810	1970	2410	2820	3200	3700	4320	4510	4600	4400	5100	
	K	mm	200	200	250	300	350	350	400	450	500	500	600	750	750	915	915	915	1000	1000	1000	
	Wt	RF	kg	27	49	53	80	152	245	380	610	758	1100	1240	1700	2380	2930	3470	4310	5100	4930	5240
		RT J	kg	27	49	53	80	152	245	380	610	758	1100	1240	1700	2380	2930	3470	4310	5100	4930	5240
BW		kg	24	41	45	64	120	194	310	560	710	980	1000	1550	2120	2680	3100	4100	4610	4810	5000	
600	Size	inch	2	2.5	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	34	36	



		h																			
L-RF	mm	29	33	35	43	559	660	787	838	889	991	109	119	139	144	154	165	177	193	208	
L1-BW	mm	2	0	6	2							2	4	7	8	9	1	8	0	3	
L2-RT	mm	29	33	35	43	562	664	791	841	892	994	109	120	140	146	156	166	179	194	209	
J	mm	5	3	9	5							5	0	7	1	2	4	4	6	9	
H	mm	56	68	71	87	102	121	142	168	191	203	253	310	342	370	398	420	452	453	532	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
K	mm	20	25	30	35	450	500	600	750	850	850	960	960	100	100	125	125	150	165	180	
		0	0	0	0									0	0	0	0	0	0	0	
W	RF	kg																			
t			39	60	78	132	372	464	730	970	136	169	210	261	391	445	505	534	692	752	891
											0	5	9	0	0	0	0	0	0	0	