

FORGED CRYOGENIC VALVE



BO SEONG CORPORATION

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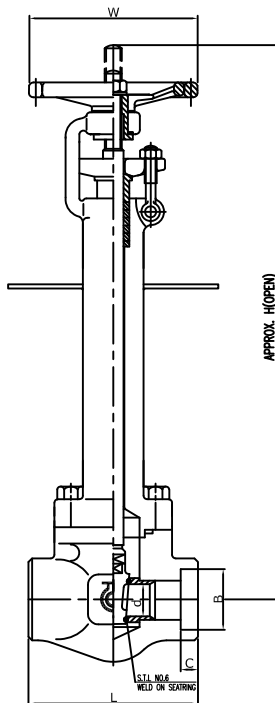
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CRYOGENIC GLOBE VALVE

CLASS 300 & 800 & 1500

FORGED STEEL CRYOGENIC GLOBE VALVE REDUCED BORE SW ENDS.
BOLTED BONNET OS&Y.RISING STEM RISING HANDWHEEL



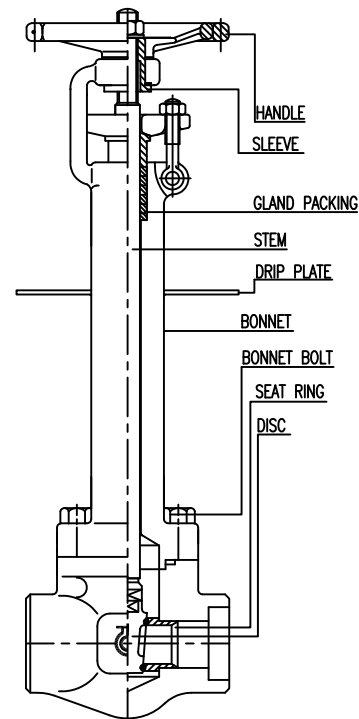
■ MAIN COMPONENT MATERIAL

BODY	ASTM A182-F316L
BONNET	ASTM A182-F316L
DISC	ASTM A276-316L
SEAT	ASTM A182-F316L(HF)
STEM	ASTM A276-316L
GASKET	SPIRAL.W GRAPHITE
BONNET BOLTED	ASTM A194 - 8(M)
GLAND PACKING	GRAPHITE

■ BODY & BONNET STANDARD MATERIAL
(ASTM A182-F304 / A182-F316 / A182-F316L)

■ VALVE DESIGN CONFORM TO BS5352
ANSI B16.34, BS 6364
VALVE ENDS CONFORM TO ANSI B16.11

■ SHEEL AND SEAT LEAK TEST
ACCORDANSE WITH ANSI B16.34



DIMENSIONS & WEIGHTS

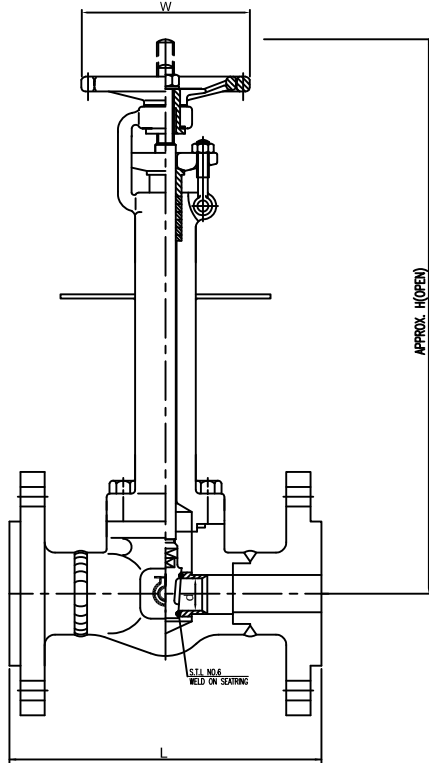
Bolted Bonnet

CLASS/LB	Valve Size		Center to Top, Open		End to End		Handwheel Diameter		End Hud Diameter		Port Diameter		Handwheel Diameter	
			H		L		W		D		d			
	DN	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	ib
150 300 600 800	15	1/2	250	9.98	73	2.87	95	3.74	33	1.29	10	0.39	2.28	5.01
	20	3/4	250	9.98	87	3.42	95	3.74	38	1.49	13	0.51	3.15	6.93
	25	1	280	11.2	96	3.77	105	4.13	46	1.81	19	0.74	4.45	9.79
	32	1 1/4	330	12.9	123	4.84	135	5.31	55	2.16	25	0.98	8.75	19.2
	40	1 1/2	330	12.9	141	5.55	135	5.31	62	2.44	30	1.18	11.2	24.6
	50	2	345	13.5	163	6.41	160	6.29	76	2.99	35	1.37	14.5	3.19
1500	15	1/2	250	9.98	87	3.42	95	3.74	38	1.49	10	0.39	3.15	6.93
	20	3/4	250	11.2	96	3.77	105	4.13	46	1.81	13	0.51	4.45	9.79
	25	1	330	12.9	123	4.84	135	5.31	55	2.16	19	0.74	8.75	19.2
	32	1 1/4	330	12.9	141	5.55	135	5.31	62	2.44	25	0.98	11.2	24.6
	40	1 1/2	345	13.5	163	6.41	135	5.31	76	2.99	30	1.18	14.5	3.19
	50	2	455	17.9	172	6.77	160	6.29	80	3.14	35	1.37	19.5	4.29

CRYOGENIC RF GATE VALVE

CLASS RF/150 & 300LB

FORGED STEEL CRYOGENIC GATE VALVE REDUCED BORE RF/150.300.900.1500LB ENDS.
BOLTED BONNET OS&Y.RISING STEM RISING HANDWHEEL



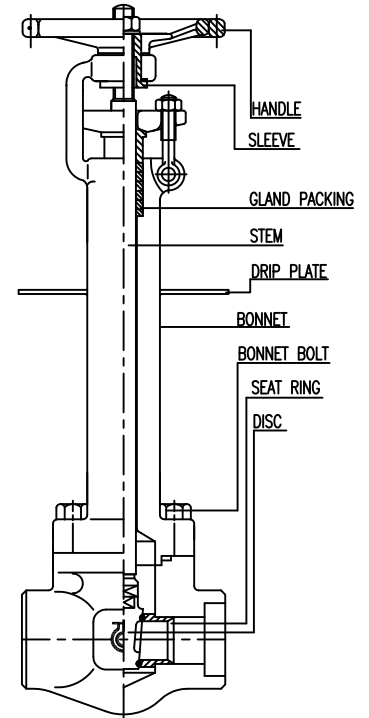
■ MAIN COMPONENT MATERIAL

BODY	ASTM A182-F316L
BONNET	ASTM A182-F316L
DISC	ASTM A276-316L
SEAT	ASTM A182-F316L(HF)
STEM	ASTM A276-316L
GASKET	SPIRAL.W GRAPHITE
BONNET BOLTED	ASTM A194 - 8(M)
GLAND PACKING	GRAPHITE

■ BODY & BONNET STANDARD MATERIAL
(ASTM A182-F304 / A182-F316 / A182-F316L)

■ VALVE DESIGN CONFORM TO BS5352
ANSI B16.34, BS 6364
VALVE ENDS CONFORM TO ANSI B16.11

■ SHEEL AND SEAT LEAK TEST
ACCORDANSE WITH ANSI B16.34



Bolted Bonnet

DIMENSIONS & WEIGHTS

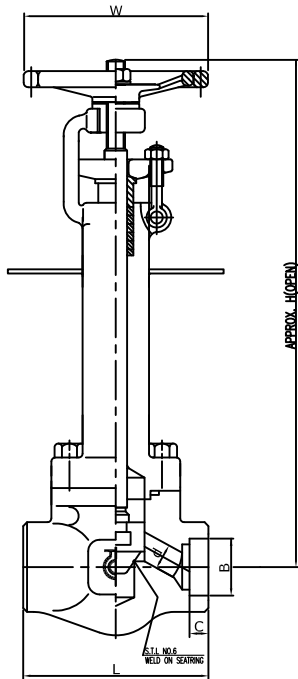
CLASS/LB	Valve Size		Center to Top, Open		End to End		Handwheel Diameter		End to End		Port Diameter		Handwheel Diameter	
			H		L(RF/150LB)		W		L(RF/300LB)		d		150LB kg	300LB kg
	DN	in	mm	in	mm	in	mm	in	mm	in	mm	in	900LB kg	1500LB kg
150LB 300LB	15	1/2	250	9.98	108	4.25	95	3.74	140	5.51	10	0.39	3.40	4.45
	20	3/4	250	9.98	117	4.60	95	3.74	152	5.98	13	0.51	4.98	6.96
	25	1	280	11.2	127	5.00	105	4.13	165	6.49	19	0.74	6.87	9.10
	32	1 1/4	330	12.9	140	5.51	135	5.31	178	7.00	25	0.98	10.6	13.2
	40	1 1/2	330	12.9	165	5.55	135	5.31	190	7.48	30	1.18	10.6	13.2
	50	2	345	13.5	203	6.49	160	6.29	216	8.50	35	1.37	20.2	23.8
900LB 1500LB	15	1/2	250	9.98	216	8.50	95	3.74	216	8.50	10	0.39	7.48	7.48
	20	3/4	250	11.2	229	9.01	105	4.13	229	9.01	13	0.51	10.3	10.3
	25	1	330	12.9	254	10.2	135	5.31	254	10.2	19	0.74	15.9	15.9
	32	1 1/4	330	12.9	279	10.9	135	5.31	279	10.9	25	0.98	19.45	19.45
	40	1 1/2	345	13.5	305	12.0	135	5.31	305	12.0	30	1.18	19.45	19.45
	50	2	455	17.9	368	14.4	160	6.29	368	14.4	35	1.37	28.75	28.75

CRYOGENIC GLOBE VALVE

SW.CLASS 300 & 800 & 1500



FORGED STEEL CRYOGENIC GLOBE VALVE REDUCED BORE SW ENDS.
BOLTED BONNET OS&Y.RISING STEM RISING HANDWHEEL



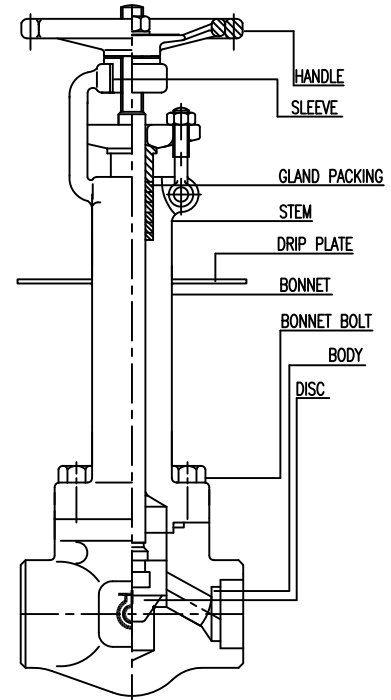
■ MAIN COMPONENT MATERIAL

BODY	ASTM A182-F316L
BONNET	ASTM A182-F316L
DISC	ASTM A276-316L
SEAT	ASTM A182-F316L(HF)
STEM	ASTM A276-316L
GASKET	SPIRAL.W GRAPHITE
BONNET BOLTED	ASTM A194-8(M)
GLAND PACKING	GRAPHITE

■ BODY & BONNET STANDARD MATERIAL
(ASTM A182-F304 / A182-F316 / A182-F316L)

■ VALVE DESIGN CONFORM TO BS5352
ANSI B16.34, BS 6364
VALVE ENDS CONFORM TO ANSI B16.11

■ SHEEL AND SEAT LEAK TEST
ACCORDANSE WITH ANSI B16.34



DIMENSIONS & WEIGHTS

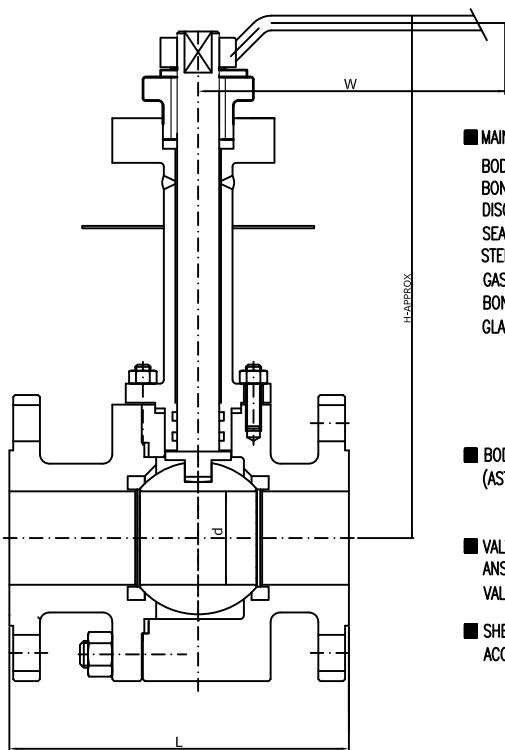
Bolted Bonnet

CLASS/LB	Valve Size		Center to Top, Open		End to End		Handwheel Diameter		End Hud Diameter		Port Diameter		Handwheel Diameter	
			H		L		W		D		d			
	DN	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	ib
150 300 600 800	15	1/2	245	9.64	73	2.87	95	3.74	33	1.29	10	0.39	2.28	5.01
	20	3/4	245	9.64	87	3.42	95	3.74	38	1.49	13	0.51	3.15	6.93
	25	1	275	10.8	96	3.77	105	4.13	46	1.81	19	0.74	4.45	9.79
	32	1 1/4	325	12.7	123	4.84	135	5.31	55	2.16	25	0.98	8.75	19.2
	40	1 1/2	325	12.7	141	5.55	135	5.31	62	2.44	30	1.18	11.2	24.6
	50	2	340	13.3	163	6.41	160	6.29	76	2.99	35	1.37	14.5	3.19
1500	15	1/2	245	9.64	87	3.42	95	3.74	38	1.49	10	0.39	3.15	6.93
	20	3/4	245	9.64	96	3.77	105	4.13	46	1.81	13	0.51	4.45	9.79
	25	1	325	12.7	123	4.84	135	5.31	55	2.16	19	0.74	8.75	19.2
	32	1 1/4	325	12.7	141	5.55	135	5.31	62	2.44	25	0.98	11.2	24.6
	40	1 1/2	340	13.3	163	6.41	135	5.31	76	2.99	30	1.18	14.5	3.19
	50	2	450	17.7	172	6.77	160	6.29	80	3.14	35	1.37	19.5	4.29

CRYOGENIC RF BALL VALVE

CLASS RF/150 & 300LB

FORGED STEEL CRYOGENIC BALL VALVE REDUCED BORE RF/150.300.900.1500LB ENDS.
BOLTED COVER LEVER OPER



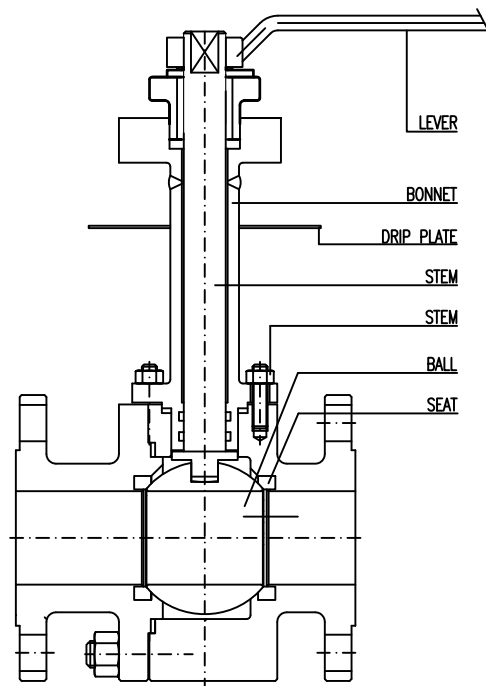
■ MAIN COMPONENT MATERIAL

BODY ASTM A182-F316
 BONNET ASTM A182-F316
 DISC ASTM A276-F316
 SEAT ASTM PCTFE
 STEM ASTM A276-316
 GASKET SPIRAL W GRAPHITE
 BONNET BOLTED ASTM A194-8(M)
 GLAND PACKING GRAPHITE

■ BODY & COVER STANDARD MATERIAL
 (ASTM A182-F304 / A182-F316 / A182-F316L)

■ VALVE DESIGN CONFORM TO BS5352
 ANSI B16.34, BS 6364
 VALVE ENDS CONFORM TO ANSI B16.11

■ SHEEL AND SEAT LEAK TEST
 ACCORDANSE WITH ANSI B16.34



DIMENSIONS & WEIGHTS

Bolted Cover

CLASS/LB	Valve Size		Center to Top, Open		End to End		Handwheel Diameter		End to End		Port Diameter		Handwheel Diameter	
			H		L(RF/150LB)		W		L(RF/300LB)		d		150LB kg	300LB kg
	DN	in	mm	in	mm	in	mm	in	mm	in	mm	in	900LB kg	1500LB kg
150LB 300LB	15	1/2	250	9.98	108	4.25	130	5.11	140	5.51	14.2	0.55	3.25	4.45
	20	3/4	250	9.98	117	4.60	130	5.11	152	5.98	14.2	0.55	4.67	6.96
	25	1	280	11.2	127	5.00	160	6.29	165	6.49	20.5	0.80	7.22	9.10
	32	1 1/4	330	12.9	140	5.51	230	9.05	178	7.00	25	0.98	9.66	13.2
	40	1 1/2	330	12.9	165	5.55	230	9.05	190	7.48	30	1.18	9.66	13.2
	50	2	345	13.5	203	6.49	230	9.05	216	8.50	38	1.49	18.2	23.8
900LB 1500LB	15	1/2	250	9.98	216	8.50	130	5.11	216	8.50	14.2	0.55	8.22	7.48
	20	3/4	250	11.2	229	9.01	160	6.29	229	9.01	14.2	0.55	11.2	10.3
	25	1	330	12.9	254	10.2	230	9.05	254	10.2	20.5	0.80	16.2	15.9
	32	1 1/4	330	12.9	279	10.9	230	9.05	279	10.9	25	0.98	20.35	19.45
	40	1 1/2	345	13.5	305	12.0	230	9.05	305	12.0	30	1.18	20.35	19.45
	50	2	455	17.9	368	14.4	230	9.05	368	14.4	38	1.49	27.65	28.75