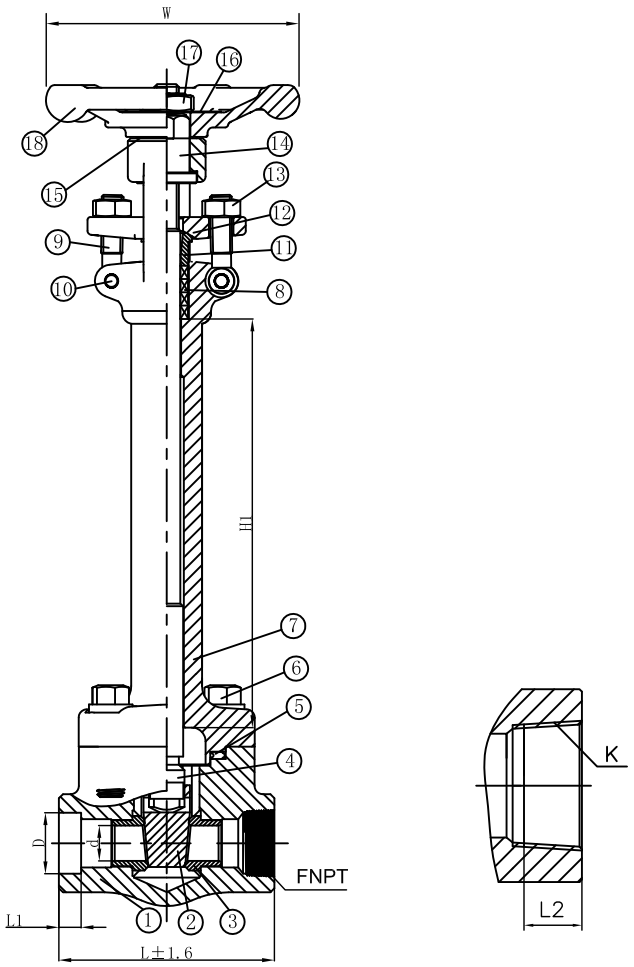
Class 1500 OS&Y Extended BB Cryogenic Gate Valve F316L (API Trim 12) NACE



Part No	Part Name	Material	Qty
1	Body	A182 F316L	1
2	Disc	A276–F316	1
3	Seat ring	A276–F316 + HF	2
4	Stem	A276–F316	1
5	Gasket	316+Graphite	1
6	Bonnet Bolt	A193–B8M	4
7	Bonnet	F316L	1
8	Packing	GRAPHITE WITH CORROSION INHIBITOR AND DIE FORMED RINGS	1Set
9	Gland Bolt	A193–B8M	2
10	Gland Bolt Pin	A276–F316	2
11	Packing Flange	A276–F316	1
12	Gland Flange	F316L	1
13	Nut	A194–8M	2
14	Stem Nut	A276–410	1
15	Washer	A276–410	2
16	Nameplate	STAINLESS STEEL	1
17	Hand Wheel Nut	A108–1020	1
18	Hand Wheel	A197	1

Valve Size		L	d	H1	W	D2	L1	D	K	L2
DN	in									
15	1/2"	111	ø13	250	ø125	ø51	10	ø21.8	1/2"	15.5
20	3/4"	111	ø13	250	ø125	ø51	13	ø27.2	3/4"	16.5
25	1"	120	ø18	250	ø160	ø60	13	ø33.8	1"	19.5
32	1¼"	120	ø24	250	ø160	ø64	13	ø42.6	1¼"	21
40	1½"	140	ø29	250	ø180	ø80	13	ø48.6	1½"	21
50	2"	160	ø36	250	ø200	ø90	16	ø61.1	2"	23

NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D
⚠	7/16/15	RELEASED	F.J.	R.P.	R.P.

MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST: API 598			
FACE TO FACE	API 602	SHELL	HYDRO	4510PSI	
WALL THICKNESS	API 602	SEAT	AIR	80PSI	
DESIGNED	API 602	BACK SEAT	HYDRO	3306PSI	
		NACE MR 0175			

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TITLE: FORGED STAINLESS STEEL EXTENDED BOLTED BONNET CRYOGENIC GATE VALVE - CLASS 1500 - API TRIM 12

MATERIAL: F316L			UNITS: Inch, mm
CLASS: 1500	DATE: 07/16/15		SCALE: N.T.S.
SIZE: 1/2 - 2"			FIG. No.: FS150TXS-62N 316L EB (sw. by thr. ends) FS150SW-62N 316L EB (sw. ends) FS150T-62N 316L EB (thr. ends)
DRAWN BY: F.J.			
CHK'D & APR'D BY: R.P.	REV: 1		DWG No.: 50GA120405