



STD

- 1.Design & manufacture conforms to API599
- 2.Flange conforms to ANSI B16.5
- 3.Face to face conforms to ANSI B16.10
- 4.Test conforms to API598
- 5.Fire test conforms to 6FA

MAIN PROPERTY & SPECIFICATION	
class	Class300
shell	7.5MPa
sed(W)	5.5MPa
sed(G)	0.6MPa
property TEMP.	-29℃-150℃
suible medium	W.G.O.

300LB							
NPS	L	D	K	d	C	f	N-φ
3	283	210	168.5	127	27	2	8-22
4	305	254	200	157	30	2	8-22

14	stem	F6a			
13	joint	ASTM A216 WCB	27	screw	ASTM A193 B7
12	spring	SS304	26	pipe	C.S.
11	ball	SS304	25	joint	ASTM A216 WCB
10	body	ASTM A216 WCB	24	jump spring	C.S.
9	plug	A216 WCB+ENP	23	stop block	C.S.
8	bonnet	C.S.	22	inject valve	UCA
7	gasket	SS304+graphite	21	check valve	UCA
6	nut	ASTM A194 2H	20	inject valve	UCA
5	bolt	ASTM A193 B7	19	gland	ASTM A216 WCB
4	metal gasket	SS304	18	inside hexagond bolt	ASTM A193 B7
3	adjusting block	4140	17	packing	flexible graphite
2	hex nut	ASTM A194 2H	16	O-ring	rubber
1	hex bolt	ASTM A193 B7	15	Nnoprene	PTFE
NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL

Detail		Title	
General assembly&list of material		PRESSURE BALANCE PLUG VALVE	
Drawn	Wanwl.Gan	Date	16/03/2015
Appr	Lushiru	Date	16/03/2015
Gen Tol±0.4	Scale	Size	Drwg No.1-1
Sheet		A3	Size-nps1-nps4
		Rev	