

**Outlet dimensions and reference weight:**

		(mm)			(kg)		
NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	900Lb-1500Lb	140	140	140	178	178	216
	2500Lb	186	186	186	232	232	279
H (open)		321	321	321	380	414	502
W		160	160	180	200	250	280
Weight	900LB-1500LB	11.5	10.8	10.5	19.6	21.0	55.4
	2500LB	12.3	11.6	10.8	26.0	28.4	60.0

- Body Extended Gate Valve

Class 800 LB – 1500 LB

Structure types: Bolted Bonnet, Welded Bonnet, and Self Seal Bonnet.



Connection code:	K	K1	K3
	Thread or weld end	Oblique end	Socket weld end

**Materials of main parts:**

No.	Parts name	CS	AS	SS	
		A105	F22	F304(L)	F316(L)
1	body	A105	A182F22	A182F304(L)	A182F316(L)
2	seat	A276420	A276304	A276304(L)	A276316(L)
3	plate	A182410&F430	A182F304	A182F304(L)	A182F316(L)
4	gasket	316+Flexible Graphite		316+ PTFE	
5	stem	A182F6	A276F304	A182F304(L)	A182F316(L)
6	bolt	A193B7	A193B16	A193B8	A193B8M
7	pin	A276420		A276 304	
8	Eyelet bolt	A193B7	A193B16	A193B8	A193B8M
9	nut	A1942H	A1944	A1948	A1948M
10	Lock nut	A1942H	A1944	A1948	A1948M
11	Hand wheel	A197			
12	Nameplate	SS			

13	Stem nut	A276420		
14	Packing gland	A105	A182F11	A182F316(L)
15	Packing sleeve	A276410		A182F304(L)    A182F316(L)
16	packing	Flexible Graphite		PTFE
17	bonnet	A105	A182F22	A182F304(L)    A182F316(L)
Applicable medium		Water, oil, steam, etc.		Nitric acid, acetic acid, etc.
Suitable temperature		-29°C~425°C	-29°C~550°C	-29°C~200°C

**Note:** Other materials are also available on requested, seal face materials depend on the customized trim materials.

CS=carbon steel; AS=steel alloyed; SS=stainless steel

### Outlet Dimensions and Weight:

NPS		(mm)				(kg)			
		Reducing bore	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	Full bore			3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
	L1	10.75	10.75	10.75	120	127	127	152	
	L	147	147	153.5	175.5	187	187	222	
	H (open)	158	158	169	197	236	246	283	
	W	100	100	100	125	160	160	180	
Weight	3.1	2.9	3.4	5.5	7.8	8.3	13.4		
	2.8	2.6	3.1	5.1	7.4	7.6	12.1		

### New types of gate valve:

