



Nominal diameter		Main dimensions (mm)				
inch	DN	L	H	W	D	T
1/2"	15	79	161	100	21.8	9.6
3/4"	20	92	163	100	27.1	12.7
1"	25	111	196	125	33.8	12.7
1-1/2"	40	120	251	160	42.6	12.7
2"	50	140	290	180	61.2	15.9

Specification			
Class		800LB	
test pressure	strength test	21.5	MPa
	back seat test	15.5	
	sealing test	15.5	
	air sealing test	0.6	
max.working temp.		≤425℃	
suitable media: water,steam,oil			
Technical Requirement			
Construction design conforms		API 602	
Screw ends dimension conforms		BSPT	
Face to face conform		ANSI B16.10	
Inspecting & testing accord		API 598	

16	Locking nut	1	35#
15	Hand wheel	1	A197
14	Stem nut	1	410
13	Hex nut	2	2H
12	Gland flange	1	A105N
11	Gland	1	410
10	Gland eyebolt	2	B7
9	Pin	2	35#
8	Packing	1	Graphite
7	Bolt	4	B7
6	Bonnet	1	A105N
5	Gasket	1	304+Graphite
4	Stem	1	F6
3	Seat	2	F6
2	Wedge	1	F6
1	Body	1	A105N
NO.	Name	QTY	Material

Gate Valve			Fig No	
Design			Z11Y-800LB	
Checked				
Standard			Drawing NO	REV
Approved				