



Cryogenic Gate Valve 800Lb

Standard Material Specifications

NO.	Part Name	AS to ASTM		SS to ASTM	
		Type LF2	Type LF3	Type F304(L)	Type F316(L)
1	Body	A350 LF2	A350 LF3	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 420	A276 410	A276 304(L)	A276 316(L)
3	Wedge	A350 LF2	A350 LF3	A182 F304(L)	A182 F316(L)
4	Gasket	Corrugated SS + graphite		SS + PTFE	
5	Bonnet	A350 LF2	A350 LF3	A182 F304(L)	A182 F316(L)
6	Bonnet Bolt	A193 B7	A193 B7	A193 B8	A193 B8M
7	Stem	A182 F6	A182 F6	A182 F304(L)	A182 F316(L)
8	Stem Packing	Flexibel Graphite		PTFE	
9	Pin	A276 420		A276 304	

10	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
11	Gland	A276 410		A182 F304(L)	A182 F316(L)
12	Gland Flange	A105	A182 F11	A182 F304(L)	A182 F316(L)
13	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
14	Yoke Nut	A276 420			
15	Bearing Gasket	A473 431			
16	Nameplate	SS			
17	H.W.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
18	Handwheel	A197			
Suitable Temperature		40	101	196	

Note: Other materials are available upon request.

Dimensions (mm) and Weights (Kg)

NPS		3/8	1/2	3/4	1	1-1/4	1-1/2	2
L		79	92	111	120	120	140	178
H(OPEN)		330	333	360	407	475	475	551
W		100	100	125	160	160	180	200
Weights	Bolted	5.2	7.1	9.4	13.5	15.0	17.8	28.0
	Welded	4.8	6.4	8.7	12.2	13.4	15.2	26.0

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