



FLANGED END PRESSURE SEAL GATE VALVE

STANDARD MATERIAL SPECIFICATIONS

NO.	Part Name	CS to ASTM	AS to ASTM	SS to ASTM	
		Type A105	Type F22	Type F304(L)	Type F316(L)
1	Body	A105	A182 F22	A182 F304(L)	A182 F316(L)
2	Seat	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Wedge	A276 410 & 430	A182 F304	A182 F304(L)	A182 F316(L)
4	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
5	Pressure Seat	A105	A182 F304	A182 F304(L)	F316(L)
6	Pressure Ring	A276 304L			A276 316L
7	Bonnet	A105	A182 F22	A182 F304(L)	A182 F316(L)
8	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
9	Pin	A276 420		A182 F304	
10	Stem Packing	Flexible Graphite		PTFE	
11	P.S. Lock Nut	A194 2H	A194 4	A194 8	A194 8M
12	Gland	A276 F420		A182 F304	
13	Gland Flange	A216 WCB		A351 CF8	
14	Nut	A194 2H	A194 4	A194 8	A194 8M
15	Yoke Nut	A276-410			
16	Retaining Nut	A194 2H	A194 4	A194 8	A194 8M
17	Hand wheel	A197			
18	H.W. Lock Nut	A194 2H	A194 4	A194 8	A194 8M
19	Oil Cup	Brass			
Suitable Medium		W.O.G. etc	W.O.G. etc	HNO3,CH3OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.

DIMENSIONS (MM) AND WEIGHTS (KG)

NPS		1/2	3/4	1	1 1/4	1-1/2	2
L(RTJ)	900Lb~1500Lb	216	229	254	279	305	368
	2500Lb	264	273	308	349	384	451
H(OPEN)	900Lb~150Lb	216	250	270	320	350	445
	2500Lb	321	321	321	373	406	495
W		160	160	180	200	250	280
Weights	900Lb~1500Lb	19.6	21.5	25.7	37.8	48.5	99.8
	2500Lb	21.5	24.7	30.4	48.1	58.1	130.0