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PRESURE-SEAL GATE VALVES

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 430&410	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 Eye bold	A193 B7	A193 B16	A193 B8(M)	
9	Pin	A276 420		A182 F304(L)	
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	HNO ₃ ,CH ₃ OOH etc	
	Suitable Temperature	-29℃~425℃	-29℃~550℃	-29℃~180℃	

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	900~1500Lb	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
Weights	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