



## FLANGED END CHECK VALVE

### STANDARD MATERIAL SPECIFICATIONS (CLASS 150LB~800LB)

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	Nameplate	SS			
3	Piston Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
4	Bonnet	A105	A182 F22	A182 F304(L)	A182 F316(L)
5	Gasket	Corrugated SS + graphite		SS + PTFE	
6	Bolt	A193 B7	A193 B16	A193 B8	A193 B8(M)
Suitable Medium		W.O.G. etc	W.O.G. etc	HNO <sub>3</sub> ,CH <sub>3</sub> OOH 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(RF)L1(BW)	150	108	117	127	140	165	203	
	300	152	178	203	216	229	267	
	600	165	190	216	229	241	292	
H	150,300	61	61	79	95	103	118	
	600	61	79	95	103	118	135	
Weights	150	RF	2.56	3.37	4.37	8.17	8.94	12.64
		BW	1.70	1.90	2.10	5.12	5.50	7.89
	300	RF	2.73	3.65	4.74	8.77	9.60	13.70
		BW	1.90	2.10	3.00	5.12	6.60	7.85
	600	RF	3.00	4.00	5.83	9.47	10.10	15.6
		BW	2.00	3.12	4.25	7.25	8.56	13.60

### STANDARD MATERIAL SPECIFICATIONS (CLASS 900LB~1500LB)

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	Nameplate	SS			
3	Piston Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
4	Bonnet	A105	A182 F22	A182 F304(L)	A182 F316(L)
5	Gasket	Corrugated SS + graphite			
6	Bolt	A193 B7	A193 B16	A182 B8(M)	A193 B8(M)
Suitable Medium		W.O.G. etc	W.O.G. etc	HNO <sub>3</sub> ,CH <sub>3</sub> OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~200°C	

Note: Other materials are available upon request.

### DIMENSIONS (MM) AND WEIGHTS (KG)

NPS		1/2	3/4	1	1/4	1-1/2	2
L(RTJ)		216	229	254	279	305	371
L1(BW)		216	229	254	279	305	368
H		79	79	95	104	120	139
Weights	RTJ	8.5	10.5	15.7	20.8	27.2	33.0
	BW	6.4	8.0	13.2	17.8	24.2	29.7