



Shanghai Tianfa Trading Co., Ltd.

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BOLT TYPE PISTON 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	Piston Disc	A276 410	A276 304	A276 304(L)	A276 316(L)
3	Gasket	Corrugated SS + graphite		SS + PTFE	
4	Bonnet	A105	A182 F22	A182 F304 L	A182 F316(L)
5	Nameplate	SS			
6	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
7	Ball	A182 F304	A182 F304	A182 F304	A182 F304
Suitable Medium		W.O.G. etc	W.O.G. etc	HNO3,CH3OOH etc	
Suitable Temperature		-29℃~ 425℃	-29℃~ 550℃	-29℃~180℃	

Note: Other materials are available upon request.

DIMENSIONS (MM) AND WEIGHTS (KG)

NPS	Reduced.	3/8	1/2	3/4	1	1-1/4	1-1/2	2	
	Full		3/4	1/2	3/4	1	1/4	1-1/2	2
L		79	79	92	111	120	152	172	200
H		61	61	65	79	95	103	118	132
Weights	Bolted	1.4	1.2	1.5	3.1	3.9	5.6	8.9	12.5
	Welded	1.1	1.0	1.2	2.9	3.3	4.9	8.1	10.9

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	Piston Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Gasket	Corrugated SS + graphite		SS + PTFE	
4	Bonnet	A105	A182 F22	A182 F304 L	A182 F316(L)
5	Nameplate	SS			
6	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
7	Ball	A182 F304	A182 F304	A182 F304	A182 F304
Suitable Medium		W.O.G. etc	W.O.G. etc	HNO3,CH3OOH etc	
Suitable Temperature		-29℃~425℃	-29℃~550℃	-29℃~180℃	

DIMENSIONS (MM) AND WEIGHTS (KG)

NPS	Reduced.	3/8	1/2	3/4	1	1-1/4	1-1/2	2	
	Full		3/8	1/2	3/4	1	1/4	1-1/2	2
L		92	111	111	120	152	172	200	220
H		65	79	79	97	104	120	139	215
Weights	Bolted	1.6	3.4	3.3	5.5	6.0	9.2	12.9	16.2
	Welded	1.3	3.2	3.1	4.8	5.4	8.5	11.2	14.3