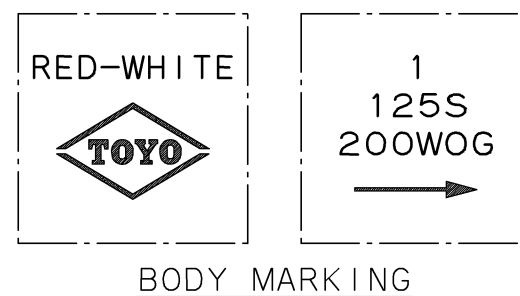

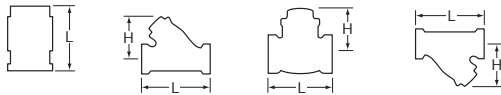






DIMENSIONS		UNIT: mm						
SIZE		d	d1	H	L	S	MASS (Kg)	Q'ty
A	B							
8	1/4	Rc 1/4	13	40	54	23	0.22	
10	3/8	Rc 3/8	13	40	54	23	0.21	
15	1/2	Rc 1/2	13	40	56	28	0.22	
20	3/4	Rc 3/4	19	49	70	34	0.37	
25	1	Rc 1	25	58	80	41	0.53	
32	1 1/4	Rc 1 1/4	32	71	95	50	0.82	
40	1 1/2	Rc 1 1/2	38	80	110	57	1.15	
50	2	Rc 2	50	95	128	70	1.83	






18	PLUG	C 3 6 0 4 B D	
17	HINGE PIN	C 1 1 0 0 B D - H	
4	DISC	C 3 7 7 1 B E	
2	CAP	C 3 7 7 1 B E	
1	BODY	C A C 4 0 6	
No.	PART	MATERIAL	NOTE
FACE TO FACE OR END TO END MAKER'S STANDARD		CLASS 125 CAST BRONZE SCREWED END SWING CHECK VALVE Y-PATTERN SCREWED CAP	
END CONNECTION J I S B 0 2 0 3			
WALL THICKNESS MAKER'S STANDARD			
PRESSURE TEST MAKER'S STANDARD			
APP'D	K.Kobayashi	FIGURE	PRODUCT CODE
CHK'D	H.Fuseya	125H-BNS-N	236A
CHK'D	M.Mochizuki	DRAWING No.	△
PREP'D	K.Kohama	08L00000 △3	MARK
DATE	JUL.31.'15		DATE
			BY
<div></div> <div>Toyo Valve Co., Ltd.</div>			



Bronze Valves

Design		TOYO Standard		MSS SP-80								
Type		Lift Check Valve		Swing Check Valves						Lift Check Valve		
Class		125						150				
												
Fig.		231		236A		236T		234		230A		
Size		L		L	H	L	H	L	H	L	H	
8 (mm)	1/4"			54	40	54	40					
10	3/8"			54	40	54	40	53	39	44	26	
15	1/2"	53		56	40	56	40	60	39	53	28	
20	3/4"	59		70	49	70	49	70	45	65	34	
25	1"	67		80	58	80	58	80	52	77	42	
32	1 1/4"	78		95	71	95	71	92	62	85	50	
40	1 1/2"	84		110	80	110	80	102	67	100	56	
50	2"	98		128	95	128	95	122	79	119	67	
65	2 1/2"			156	119	156	114	150	91	139	79	
80	3"			184	139	184	131	165	102	158	91	
100	4"											
Material	Body	Bronze		Bronze		Bronze		Bronze		Bronze		
	Pin	—		Brass		Brass		Brass		—		
	Disc	FKM		Brass or Bronze		PTFE		Brass		Bronze		
Service conditions		1.37MPa (200psi) WOG non-shock 0.86MPa (125psi) Saturated steam									2.06MPa (300psi) WOG non-shock 1.03MPa (150psi) Saturated steam	
Remarks		ASME taper threads only, Spring loaded				PTFE seat		BS/JIS taper threads only				

Design		MSS SP-80		TOYO Standard			
Type		Swing Check Valve				Strainer	
Class		150		300		150	
							
Fig.		238		360		380A	
Size		L	H	L	H	L	H
8 (mm)	1/4"						
10	3/8"	54	39				
15	1/2"	60	39	60	42	80	49
20	3/4"	72	49	72	51	100	57
25	1"	84	58	84	61	115	70
32	1 1/4"	99	70	99	74	135	82
40	1 1/2"	113	79	113	83	160	98
50	2"	131	95	131	98	195	121
65	2 1/2"	162	114			230	148
80	3"	186	132			240	180
100	4"						
Material	Body	Bronze		Bronze		Bronze	
	Pin	Brass		Brass		Screen	SUS304
	Disc	Bronze		Bronze			
Service conditions		2.06MPa (300psi) WOG non-shock 1.03MPa (150psi) Saturated steam		4.13MPa (600psi) WOG non-shock 2.06MPa (300psi) Saturated steam		1.72MPa (250psi) WOG non-shock 1.03MPa (150psi) Saturated steam	
Remarks						Perforated screen equivalent to 14-16 meshes	