



MSS Specification Valves



WORKING PRESSURES

Working pressureNon-shock		Test pressure		
Saturatad steam		Cold Water,Oil,Gas	Shell(water)	Seat(air)
Psig	125	200	300	50
Bar.	8.6	13.7	20.7	3.5

MATERIAL

No.	Name of parts	ASTM Specifications	
1	Body	Cast bronze	B82-C83600
2	Cap	Cast bronze	B124..c37700 1362-<83600
3	Disc	Cast bronze	821-c47940 01* B606..c&3800
4	Olug	Brass rod	B124..c37700
5	Hanger pin	Copper alloy rod*	1112998-NA

* Resist-Dezincification Material (Toyo copper alloy Pat. No. 845351)

DIMENSIONS

Size Mark		¼	¾	½	¾	1	1¼	1½	2	2½	3	4
L	in.	2.20	2.20	2.20	2.76	3.15	3.78	4.33	5.04	6.14	7.24	9.13
	mm	56	56	56	70	80	96	110	128	156	184	232
H	in.	1.65	1.65	1.65	1.97	2.28	2.72	3.19	3.86	4.69	5.47	6.85
	mm	42	42	42	50	58	69	81	98	119	139	174

WEIGHT

lb	0.46	0.44	0.57	0.95	1.34	2.11	3.08	4.99	8.71	12.50	24.16
kg	0.28	2.27	0.26	0.43	0.61	0.96	1.40	2.27	3.96	5.68	10.98

Note: 1. S1. End threads conform to the American, British or Germany standard pipe threads.
 3. These valves conform to the requirements of MSS SP-80.

Related: check valve, toyo