



WORKING PRESSURES

Working pressure Non-shock		Test pressure	
Saturatad steam	Cold Water, Oil, Gas	Shell	Seat
Psig 150	300	300	300
Bar. 8.6	16	24	6

MATERIAL

1	Body	Cast bronze	ASTM B62
2	Bonnet	Cast bronze	ASTM B62
3	Stem	Cast bronze	ASTM B62
4	Disc	Cast bronze	ASTM B62
5	Lock nut	Cast bronze	ASTM B62
6	Packing nut	3/8" - 2"	Brass rod ASTM B16
		2 1/2" & 3"	Cast bronze ASTM B62
7	Gland	Forged brass	ASTM B124 Alloy No. 377
8	Gland packing	Asbestos graphite	
9	Handwheel	3/8" - 1"	Zinc alloy die casting ASTM B86
		1 1/4" - 3"	Aluminum alloy die casting ASTM B85 Alloy No. SC114A
10	Wheel nut	Brass rod	ASTM B16
11	Name plate	Aluminum plate	ASTM B209 Alloy No. 1100

DIMENSIONS

Size Mark	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
L	1.85	2.13	2.28	2.64	2.87	3.03	3.31	4.18	4.53
H	4.76	5.43	6.22	7.60	8.68	9.84	11.97	14.49	16.75
D	1.89	2.17	2.48	2.76	3.15	3.54	3.94	4.92	4.92

WEIGHT

lbs.	0.84	1.12	1.54	2.40	3.31	4.37	6.75	11.02	14.99
kgs.	0.38	0.51	0.70	1.09	1.50	1.98	3.06	5.00	6.80

Note:

1. Dimensions of threaded ends conform to American and British standards pipe threads, respectively. Any other applicable threaded ends are also available on request.
2. These conform to the requirements of Federal Specification WW-V-54D, Type II, Class B and Style 1.
3. All dimensions given in inches.

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