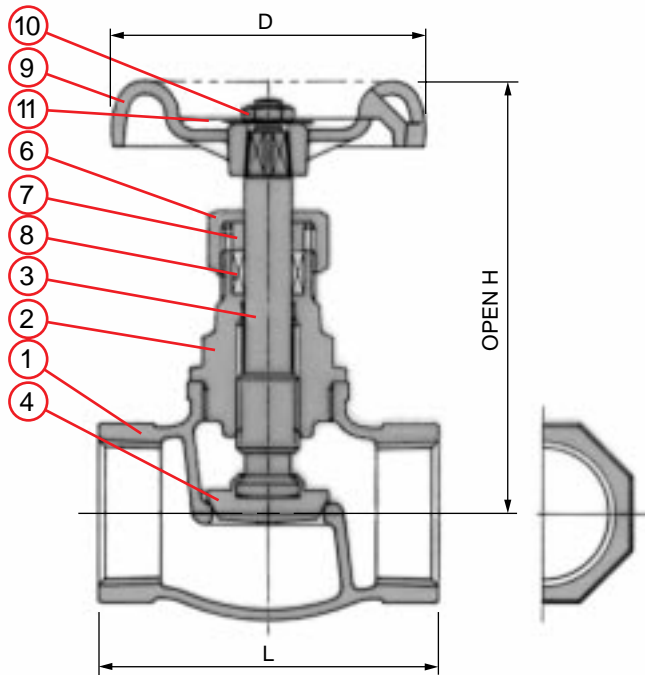


RED-WHITE

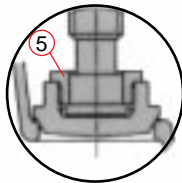


100 - POUND BRONZE GLOBE VALVES

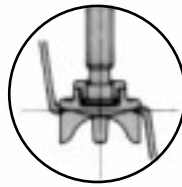
Screwed bonnet, swivel type metal disc, screwed ends.



Stuffing box construction for sizes 3/8 to 1



Disc construction for sizes 1 1/2 to 2 1/2



Disc construction for size 3

WORKING PRESSURES

Working pressure Non - shock		Test pressure	
Saturated steam	Cold water Oil, Gas	Shell (Water)	Seat (Air)
Psig 100	150	225	80
Bar 6.9	10.3	15.5	5.5

Note:

End threads conform to the American or British standard pipe threads.

*Design and materials are subject to change without notice.

M A T E R I A L S

No.	Name of parts	ASTM specification	
1	Body	Cast bronze	B62-C83600
2	Bonnet	3/8 - 1/2	Forged brass B124-C37700
		3/4 - 2	Forged brass B283-C37700
		2 1/2 & 3	Cast bronze B62-C83600
3	Stem	Copper alloy rod*	B21-C47940
4	Disc	3/8 - 2 1/2	Copper alloy rod*
		3	Cast bronze B62-C83600
5	Lock nut	1 1/2 & 2	Brass rod B16-C36000
		2 1/2 & 3	Forged brass B124-C37700
6	Packing nut	3/8 - 2 & 3	Forged brass B283-C37700
		2 1/2	Brass rod B16-C36000
7	Gland	1 1/4 - 3	Forged brass B124-C37700
8	Gland packing	Non-asbestos packings T#2996-NA	
9	Handwheel	1/4 - 3/4	Zinc alloy die casting B86-Z33520
		1 - 3	Aluminum alloy die casting B85-A03840
10	Wheel nut	Steel (Zinc plated)	A563 Gr.A
11	Name plate	Aluminum plate	B209-1100

*Toyo's patented corrosion resistant material.

D I M E N S I O N S

size (in.)	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
L	42	48	53	63	73	82	98	118	136
mm/in	1.65	1.89	2.09	2.48	2.87	3.23	3.86	4.65	5.35
H	67	74	77	89	110	131	144	183	210
mm/in	2.64	2.91	3.03	3.50	4.33	5.16	5.67	7.20	8.27
D	48	55	55	63	70	80	90	100	125
mm/in	1.89	2.17	2.17	2.48	2.76	3.15	3.54	4.33	4.92
Weight	0.42	0.53	0.71	0.99	1.61	2.34	3.55	6.58	9.42
lb/kg	0.19	0.24	0.32	0.45	0.73	1.06	1.61	2.99	4.28

Toyo Valve Co., Ltd.