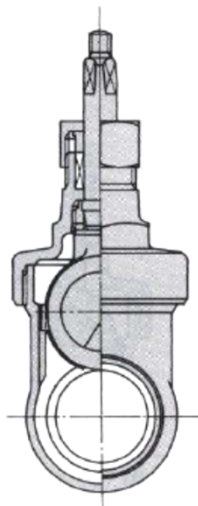
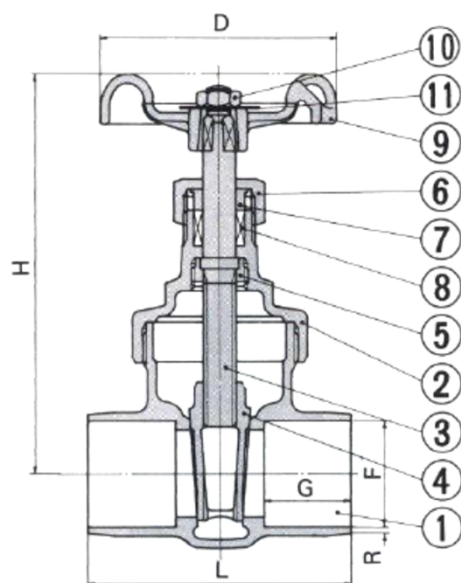




# BS EN12288 PN16 BRONZE GATE VALVES

Non-rising stem, screw-over bonnet, solid wedge disc, solder-joint ends.



## Material

No.	Name of Parts	Material	EN Standard
1	Body	Cast Bronze	BSEN1982 CC491K
2	Bonnet	Cast Bronze	BSEN1982 CC491K
3	Stem	Special Brass*	BSEN1982 CC754S
4	Disc	1/2 Special Brass*	BSEN1982 CC754S
		3/4-2 Cast Bronze	BSEN1982 CC491K
5	Lock Nut	Forged brass	
6	Packing Nut	Forged brass	
7	Gland	Forged brass	
8	Gland packing	Non-asbestos	Aramid Fiber Graphite
9	Handwheel	Zinc alloy	Size 1/2 - 3/4
		Aluminium alloy	Size 1- 2
10	Wheel nut	Zinc plated steel	
11	Name Plate	Aluminium Plate	

\*Toyo special brass is Dezincification resistant brass

## Note:

- 1) Dimensions of solder-joint ends conform to BS864
- 2) The Temperature should be under 450°C for soldering or silver brazing. In case, the temperature is higher than 450°C, please consult the factory.

## Working Pressure

Working Pressure Non-Shock	Test Pressure	
Water, Oil, Gas	Body (Water)	Seat (Water)
16 Bar	24 Bar	17.6 Bar

## Dimensions

Size(mm)	L	H	D	Wt.(kg)
15	46	81	48	0.27
22	62	90	55	0.39
28	72	106	63	0.57
35	78	119	70	0.78
42	87	135	80	1.05
54	102	159	90	1.73

**Toyo Valve Co., Ltd.**