

MSS Specification Valve

Full Bore, 2-Piece Body, Blowout-proof Stem, Screwed Ends.

#### FEATURE

1. Suitable Medium	: Water, Sea Water, Non-causticity liquid, Saturated Steam
2. Max.Working Pressure	: 600 PSI
3. Max.Temperature	: -10° to 100° C
4. Thread	: BS 21

**BALL VALVE**

**Fig. BV-600L**

600 W.O.G



WORK PRESSURE		TEST	
Saturated Steam	Cold Water, Oil, Gas	Shell (Water)	Seat (Air)
Psi 150	600	900	80
Bar 10.3	41.4	62.1	5.5

SIZE 1/4" - 3" : Working Pressures 600 PSI.

#### MATERIALS

NO.	NAME OF PARTS	MATERIAL	ASTM SPECIFICATIONS
1	Body	Forged Brass	
2	Seat	PTFE	
3	Stem	Forged Brass	B124-C37700
4	Handle	Steel Zinc plated	A307 Gr.A
5	Handle Nut*	Stainless Steel	A167-304
6	Gland	Forged Brass	B124-C37700
7	Packing	PTFE	
8	Ball	Forged Brass (Hand Chromuim plated)	B283-C37700
9	Cap	Forged Brass	B283-C37700

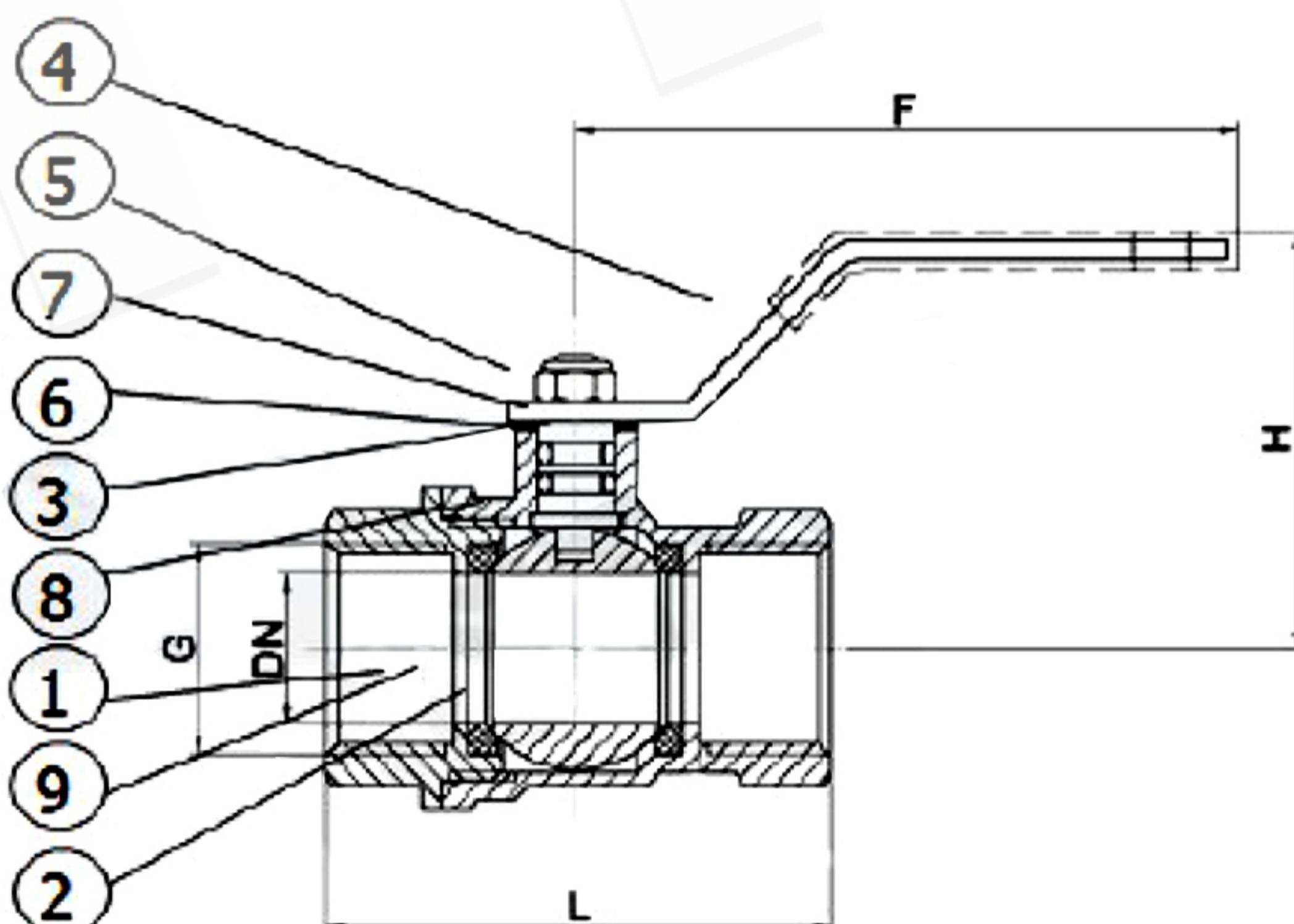
\* Handle Nut : Size : 1/4" - 2" Stainless Steel. 2.1/2" - 3" Forged Brass

#### Note :

1. End threads conform to the British standard taper pipe threads.
2. Each valve is individually tested for seat and shell tigheess.
3. Minimum and maximum working temperature - 10° to 100°C
4. The following accessories are available upon request.
  - Memory stop , - Extension stem , - Special handle
5. These valve conform to the requirements of MSS SP-110

#### Application :

Suitable for water services, heating and air-conditioning plants, compressed air systems.



#### DIMENSIONS

SIZE	DN	L	H	H	Unit : mm.	Weight / kgs
1/4"	8	41	38	82		0.11
3/8"	10	45	43	82		0.12
1/2"	15	51	50	88		0.19
3/4"	20	57	57	99		0.25
1"	25	68	62	109		0.42
1.1/4"	32	80	78	116		0.69
1.1/2"	40	89	100	160		0.90
2"	50	100	103	160		1.35
2.1/2"	65	124	130	245		2.6
3"	80	141	141	245		3.6