

# Cu-ALLOY GLOBE VALVES-IS 778

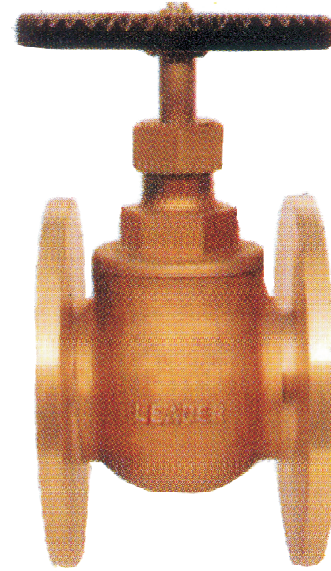
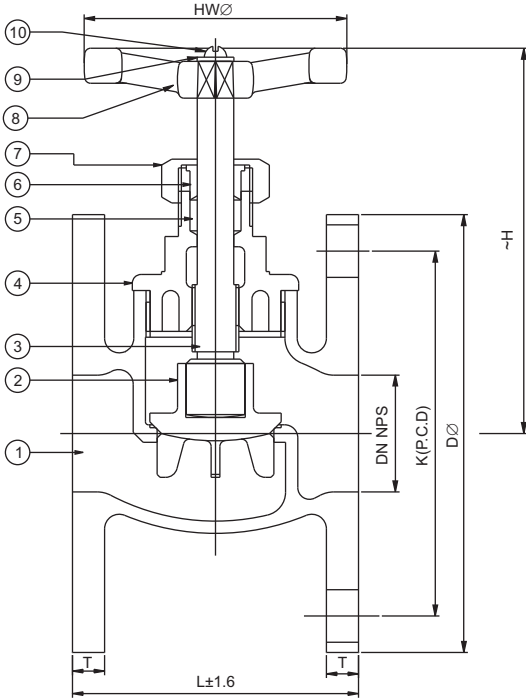
# CLASS-1, CLASS-2

### SPECIFICATIONS

SCREWED IN BONNET, INSIDE SCREW, RISING STEM, INTEGRAL SEAT, RENEWABLE DISC, FLANGED ENDS, AS PER IS778, CLASS-1 FF (UNDRILLED)

### PRESSURE-TEMPERATURE RATINGS

**CLASS-1 : BODY : 15.3 BAR BACK SEAT & SEAT : 10.2 BAR**  
**CLASS-2 : BODY : 24.48 BAR BACK SEAT & SEAT : 16.32 BAR**  
 TEMPERATURE UP TO 45°C



### STANDARD MATERIAL COMBINATION

P.NO.	QTY.	DESCRIPTION	MATERIALS	SPECIFICATIONS
1	1	BODY	G.M.	IS 318-81 Gr. LTB2
2	1	DISC	G.M.	IS 318-81 Gr. LTB2
3	1	STEM NUT	G.M./BRASS	IS 6912-85 FHTB1
4	1	BONNET	G.M./BRASS	IS 318-81 Gr.LTB2
5	1	GLAND PACKING	HEMP & JUTE/ASBESTOS	IS 5414-79/4687-80
6	1	GLAND	LEADED TIN BROZE/FORGED BRASS	IS 318-81 Gr.LTB2/IS6912-85 FLB
7	1	GLAND NUT	LEADED TIN BROZE/FORGED BRASS	IS 318-81 Gr.LTB2/IS6912-85 FLB
8	1	HAND WHEEL	C.I./ STEEL (PVC COATED)	IS 7912-85 FHTB1
9	1	WASHER	CARBON STEEL	ANY GRADE
10	1	SET SCREW	CARBON STEEL	ANY GRADE

### DIMENSIONAL DATA

DN NPS	15 1/2	20 3/4	25 1	32 1 1/4	40 1 1/2	50 2	65 2 1/2	80 3	100 4	
L	55	64	75	82	98	110	156	162	196	
H	68	75	95	109	135	140	190	220	235	
HW	60	60	70	90	90	130	135	165	195	
ITEM CODE	CLASS -1	IS 015 D	IS 015 F	IS 015 G	IS 015 H	IS 015 I	IS 015 J	IS 015 K	IS 015 L	IS 015 N
Aprox. Wt. ^ (CLASS-1)	1.435	1.840	3.200	3.590	5.120	7.290	11.200	15.380	-----	

NOMINAL PRESSURE ACCORDING TO PN OR CLASS DESIGNATION	END DETAILS	TEST PRESSURES		
		SHELL TEST (HYDROSTATIC)	SEAT TEST (HYDROSTATIC)	STANDARD NO.
CLASS-1	FLANGED ENDS AS PER IS 778 (UNDRILLED)	15.3 bar	10.2 bar	IS 6157-81
CLASS-2	FLANGED ENDS AS PER IS 778 (UNDRILLED)	24.48 bar	16.32 bar	

NOTE: The above data is subject to change without notice.

(^ WEIGHT GIVEN IN KGS)