



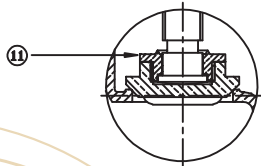
Cu-ALLOY GLOBE VALVES IS: 778

SPECIFICATIONS

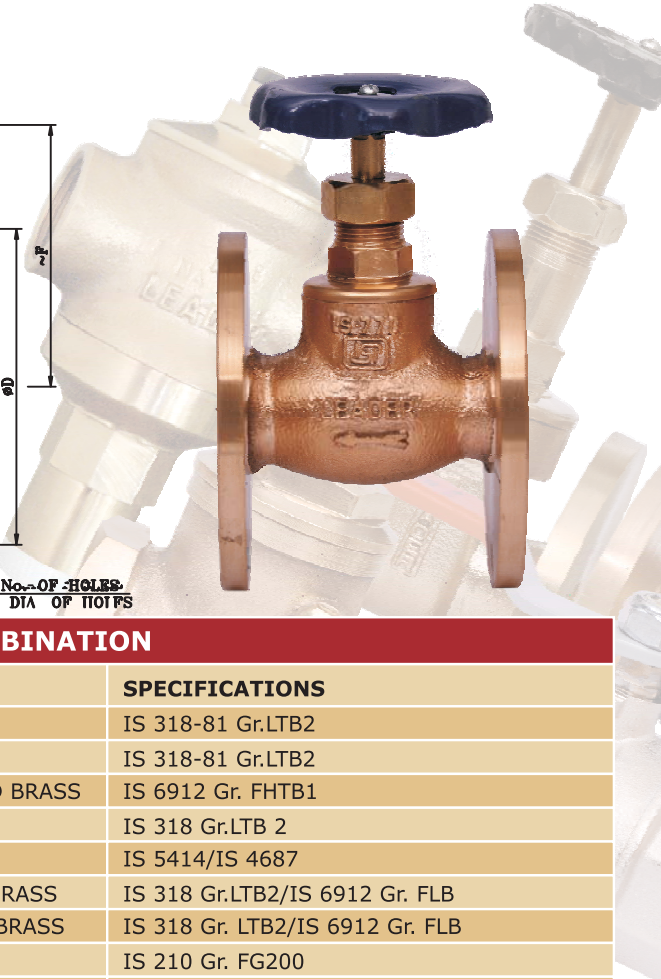
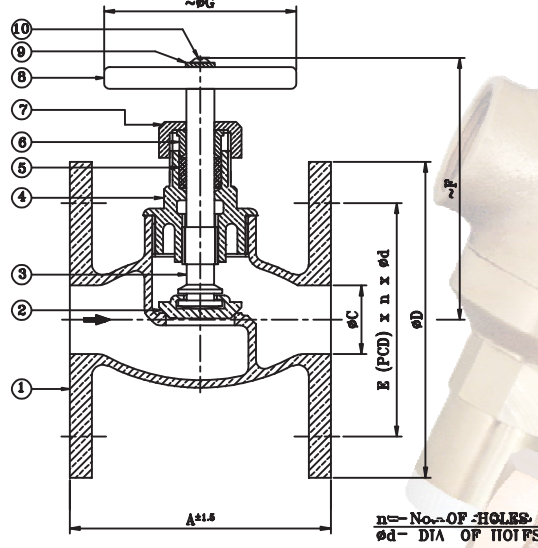
SCREWED IN BONNET, RISING
STEM, INTEGRAL SEAT, FLANGED
END AS PER IS 778, CLASS 1,2 FF

PRESSURE TEMPERATURE RATING :

Class 1- 1.0 Mpa upto 45°C
Class 2 - 1.6 Mpa up to 45°C



DESIGN FOR DISC
ABOVE 25mm SIZE



STANDARD MATERIAL COMBINATION

P.NO.	DESCRIPTION	MATERIALS	SPECIFICATIONS
1	BODY	LEADED TIN BRONZE	IS 318-81 Gr.LTB2
2	DISC	LEADED TIN BRONZE	IS 318-81 Gr.LTB2
3	STEM	EXTRUDED BRASS ROD/FORGED BRASS	IS 6912 Gr. FHTB1
4	BONNET	LEADED TIN BRONZE	IS 318 Gr.LTB 2
5	PACKING	HEMP & JUTE/ASBESTOS	IS 5414/IS 4687
6	GLAND	LEADED TIN BRONZE/FORGED BRASS	IS 318 Gr.LTB2/IS 6912 Gr. FLB
7	GLAND NUT	LEADED TIN BRONZE/ FORGED BRASS	IS 318 Gr. LTB2/IS 6912 Gr. FLB
8	HAND WHEEL	C.I./M.S. (SHEET)	IS 210 Gr. FG200
9	WASHER	M.S.	IS 2062
10	SET SCREW	M.S.	IS 2062
11	CHECK NUT	LEADED TIN BRONZE/ FORGED BRASS	IS 318 Gr. LTB2/IS 6912 Gr. FLB

DIMENSIONAL DATA

SIZE (mm)	15	20	25	32	40	50	65	80	100
A	75	85	95	110	120	145	165	185	216
C	15	20	25	32	40	50	65	80	100
∅D	95	105	115	140	150	165	185	200	220
E	65	75	85	100	110	125	145	160	180
F	83	94	101	109	122	128	156	174	206
~∅G	60	60	70	90	92	103	130	150	165
n	4	4	4	4	4	4	4	8	8
d	14	14	14	18	18	18	18	18	18
ITEM CODE CLASS -1	IS0015	IS0015	IS0015	IS0015	IS0015	IS0015	IS0015	IS0015	IS0015
Aprox. Wt. [^] (CL-1)	1.275	1.700	2.385	3.575	4.357	6.225	9.625	11.050	19.300
ITEM CODE CLASS -2	IS0019	IS0019	IS0019	IS0019	IS0019	IS0019	IS0019	IS0019	IS0019
Aprox. Wt. [^] (CL-2)	1.750	2.350	2.850	3.700	4.546	6.665	10.550	12.550	20.000

TEST PRESSURES

NOMINAL PRESSURE ACCORDING TO CLASS DESIGNATION	SHELL TEST (HYDROSTATIC)	SEAT & BACK SEAT (HYDROSTATIC)	STANDARD NO.
CLASS 1	1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)	IS 6157
CLASS 2	2.4 Mpa (348 psig)	1.6 MPA (232 psig)	

NOTE: The above data is subject to change without notice due to our continuing product improvement program. ([^]WEIGHT GIVEN IN KGS)