



Cu-ALLOY

GLOBE VALVES IS: 778

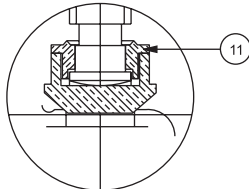
SPECIFICATIONS

SCREWED IN BONNET, RISING STEM,
SCREWED FEMALE ENDS TO IS: 554
(PARALLEL)

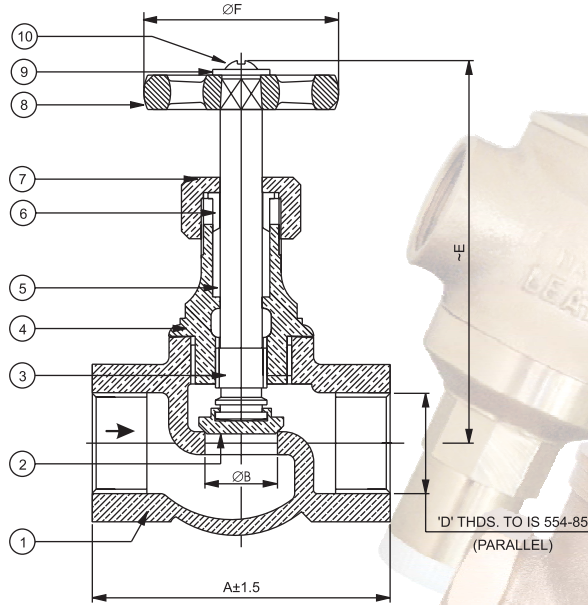
PRESSURE TEMPERATURE RATING :

Class 1- 1.0 Mpa upto 45°C

Class 2 - 1.6 Mpa up to 45°C



DESIGN FOR DISC ABOVE 25MM.



NOTE : 8MM AND 10MM SIZES ARE NOT INCLUDED IN CLASS-2

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	IS 6912:85 FHTB1
4	BONNET	LEADED TIN BRONZE	IS 318:81 Gr. LTB2
5	GLAND PACKING	HEMP & JUTE/ASBESTOS	IS 5414:69/IS 4687:80
6	GLAND	LEADED TIN BRONZE/FORGED BRASS	IS 318:81 Gr. LTB2/IS 6912:85 FLB
7	GLAND NUT	LEADED TIN BRONZE/FORGED BRASS	IS 318:81 Gr.LTB2/IS 6912:85 FLB
8	HAND WHEEL	C.I./M.S. SHEET	IS 210:93 Gr. FG200
9	WASHER	CARBON STEEL	IS 2062:92 Gr.A
10	SET SCREW	CARBON STEEL	IS 2062:92 Gr.A
11	STEM NUT	LEADED TIN BRONZE/FORGED BRASS	IS 318:81 Gr.LTB2/IS 6912:85 FLB

DIMENSIONAL DATA

SIZE (mm)	8	10	15	20	25	32	40	50	65	80	100
A	47	50	60	70	80	95	110	125	160	180	216
ØB	8	10	15	20	25	32	40	50	65	80	100
D	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
E	70	70	83	89	98	105	122	128	156	174	206
ØF	48	48	60	60	70	90	92	103	130	150	165
ITEM CODE CLASS -1	IS0013	IS0013	IS0013	IS0013	IS0013	IS0013	IS0013	IS0013	IS0013	IS0013	IS0013
Aprox. Wt. Δ (CL-1)	0.265	0.265	0.385	0.555	0.795	1.325	1.700	2.635	4.870	6.815	13.250
ITEM CODE CLASS -2	IS0017	IS0017	IS0017	IS0017	IS0017	IS0017	IS0017	IS0017	IS0017	IS0017	IS0017
Aprox. Wt. Δ (CL-2)	----	----	0.420	0.595	0.995	1.425	2.100	3.010	5.060	7.200	15.980

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. (Δ WEIGHT GIVEN IN KGS)