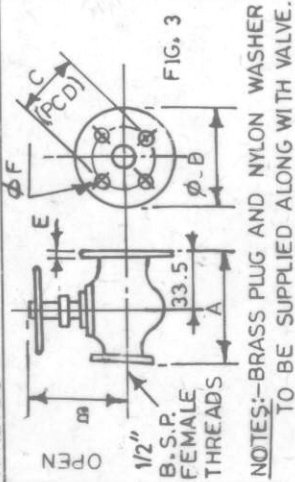
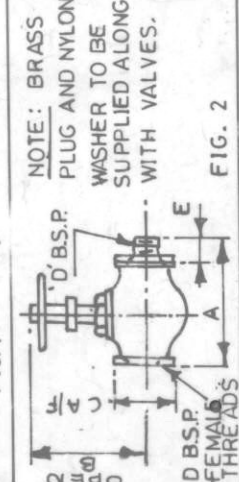
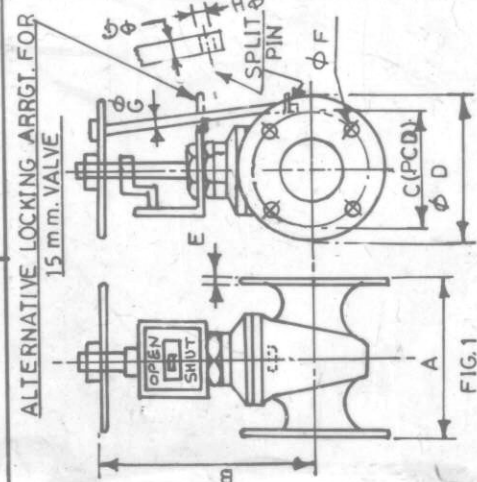




शीर्षक TITLE GUN METAL VALVES

TYPE	MAT.	NOM. SIZE	STYLE & (MAKE) * WHEEL	MAX. DIA. OF HAND	A ± 1.5	B	C PCD	φ D ± 1	E	φ F	φ G	HOLE φ H IN PIN	NO OF HOLES	APPROX. WT. IN KG
DOUBLE FLANGED GATE VALVE	GUN METAL	15	ST 602571(L)	60	72	120	65	95	6.0	14	10	6	4	1.15
NON RISING SPINDLE WITH SPLIT PIN	METAL	25	ST 602725(O) ST 603572(L) ST 627256(O)	80	90	155	85	115	8.0	14	10	6	4	2.70
**	**	40	ST 604756	100	110	200	100	135	9.0	14	12	8	4	4.20
		50	ST 601908	100	120	230	115	150	11	18	12	8	4	6.05
		80	-	140	150	310	145	185	13.0	18	12	8	4	10.75
100	-	165	190	340	180	215	16	18	15	10	4	19.65		
DOUBLE SCREWED GLOBE VALVE	GUN METAL	6	ST 600075	30	41	50.75	22	6.35	10	-	-	-	-	0.10
GLOBE VALVE	GUN METAL	12	ST 603575(L) ST 627260(O)	40	57	75-88	32	12.70	12	-	-	-	-	0.4
		19	-	50	70	80-110	38	19.05	15	-	-	-	-	0.50
FLANGED AND SCREWED GLOBE VALVE	GUN METAL	15	ST 603577(L) ST 627261(O)	40	62	75-88	65	95	6.0	14	-	-	4	0.9



\* Valve to STD NO. 625517 as per TR 25001 V shall be used & Flange drg. to be accommodated accordingly.  
FINISH - VALVE SHALL BE PAINTED AS BELOW.  
ALL FERROUS COMPONENTS COMING IN CONTACT WITH TRANSFORMER OIL ARE TO BE PAINTED WITH RED OIL RESISTANT SYNTHETIC ENAMEL PAINT TO IS-2079, OUT SIDE SURFACE OF THE VALVE TO BE PAINTED WITH TWO COATS OF RED OXIDE ZINC CHROMATE PRIMER FOLLOWED BY TWO COATS OF FULL GLOSSY FINISHING PAINT TO IS 2932 OF LIGHT GREY SHADE TO IS. 631 OF IS-5.

TR 24036 V  
PAGE 1 OF 2

01 For 80 No valve style Added  
Akg  
02 Weight modified.  
Abe

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BAY-8 1  
BAY-9 1  
DATE 10/12/16

\* L = LEADER MAKE & O = OTHER MAKE  
NOTE - THIS DRG IS SUPERSEDED BY TR NO. TR 25122



REF C600772 (V-04)

शीर्षक TITLE GUN METAL VALVES

- NOTES:-**
1. VALVES SHALL GENERALLY CONFORM TO CLASS 1 OF I.S. 778 FLANGE DRILLING SHALL BE AS PER IS:3639.
  2. VALVE BODY, BONNET, GATE, OPEN & SHUT INDICATOR ETC. SHALL BE MADE FROM GUN METAL GR.LT. CONFORMING IS-318 SPINDLE, SPINDLE NUT, GLAND, GLAND NUT ETC. SHALL BE MADE FROM EXTRUDED BRASS ROD TYPE II (HALF HARD) AS PER IS:319. ALTERNATELY STEM SHALL BE MADE FROM STAINLESS STEEL CONFORMING TO Gr 04 Cr18 Ni10 OF IS 6603 (ASTM A276 Gr 30400) GLAND PACKING SHALL BE OF TEFLON ROPES ONLY.
  3. HARDWARES & LOCKING ROD SHALL BE ZINC PLATED & PASSIVATED AS PER Gr. Fe/ Zn 12.5 OF IS:1573 / HOT DIP GALVANIZED.
  4. HEAT NO. SHALL BE PUNCHED ON EACH VALVE BODY AND CORELATED TC FOR G.M. AND TC FOR BRASS BARS (USED FOR MAKING SPINDLE, SPINDLE NUT, AND GLAND ETC.) INDICATING CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES SHALL BE FURNISHED FOR EACH LOT.
  5. BACK OF FLANGES SHALL BE SPOT FACED / MACHINED FOR PROPER SEATING OF NUTS.
  6. ALL VALVES SHALL BE PRESSURE TESTED FOR BODY & SEAT WITH WATER AT 10 kg/cm<sup>2</sup>,  
AS SPECIFIED IN IS-778 FOR CLASS 1 VALVES. FURTHER, 10% VALVES SHALL BE SEEPAGE TESTED AT 2 kg/cm<sup>2</sup> FOR 24 HOURS WITH AIR DIPPED IN WATER. AT ROOM TEMP. VALVE SHALL BE TESTED IN OPEN POSITION TO CHECK SEEPAGE FROM SPINDLE, DIPPED IN WATER.

**NOTE TO SUPPLIERS:** 1. ALL VALVES TO BE SUPPLIED DULY BLANKED WITH 1 TK. STEEL SHEET PAINTED WITH RED OXIDE PAINT TO AA56110 ON BOTH SIDES OF BLANKING PLATE & 1.6 THICK NITRILE RUBBER BONDED CORN GASKET TO AA 59802  
2. 25 N.B. VALVE TO STYLE ST603572 TO BE SUPPLIED WITH MIN. 5.0mm THICK NECK PORTION.

**NOTE (1)** THIS DRG IS REAFFIRMED ON 8.12.93  
(2) PRIOR TO REAFFIRMATION, THE ORIGINAL DATE OF ISSUE WAS 22-10-83 & THE LATEST REV ISSUED WAS REV 4 DT. 9.2.88.

DRG-NOW AS TR 20036 V

TR 24036V  
PAGE 2 OF 2

4/1/87  
02  
13/1/87

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