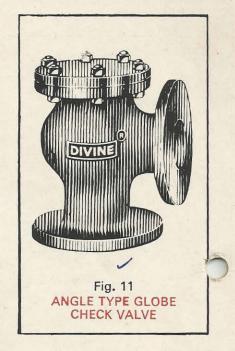


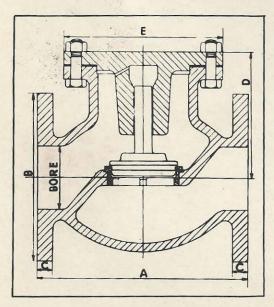
- CAST-IRON GLOBE & ANGLE CHECK VALVE FLANGED ENDS.
- CAST-IRON SPRING LOADED SAFETY RELIEF VALVES.
- CAST-IRON LEVER SAFETY RELIEF VALVES.
- CAST-IRON FLANGED END & SCREWED END GLAND COCK.

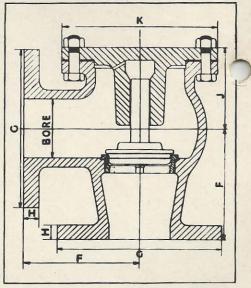




NOTE:

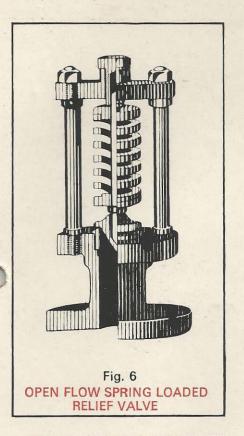
Flanged End Bolted Check Valves (Fig no. 11 & 12) are manufactured of best quality Cast Iron and with good workmanship. Flanges are generally flat face and drilled as per desired standard. All the valves are tested hydraulically to 300lbs.per. sq. inch. (22 kg./cm²). Valves are superior quality of finish with super quality of paint before despatch. Check Valves (Fig—12) must be errected horizontally.

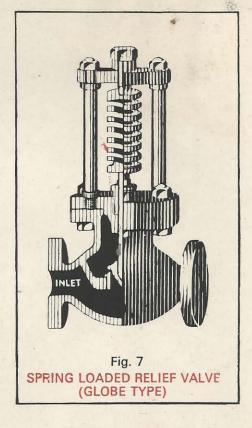


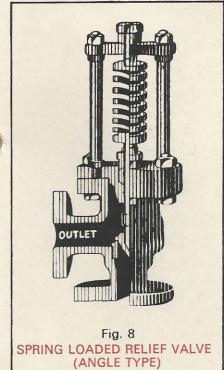


NOTE:

Dimensions to be Followed as in Fig No. 9 of Catalogue "Cast Iron Stop Valves"

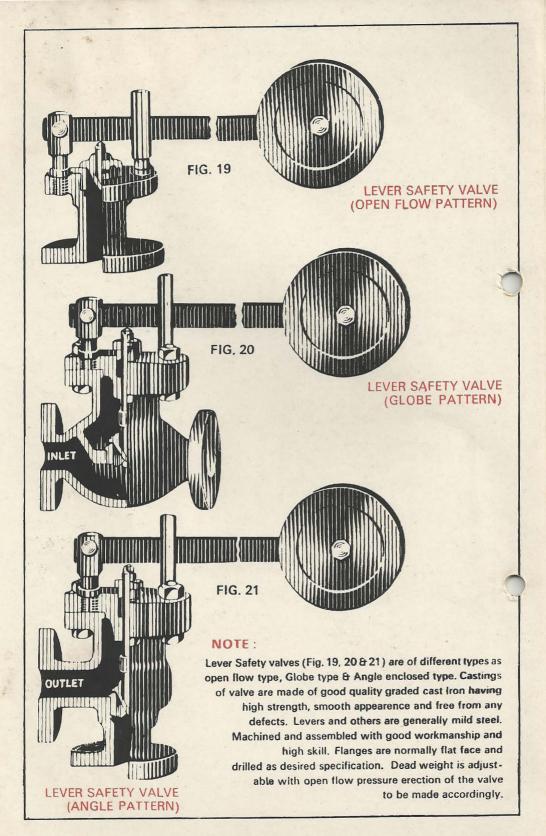


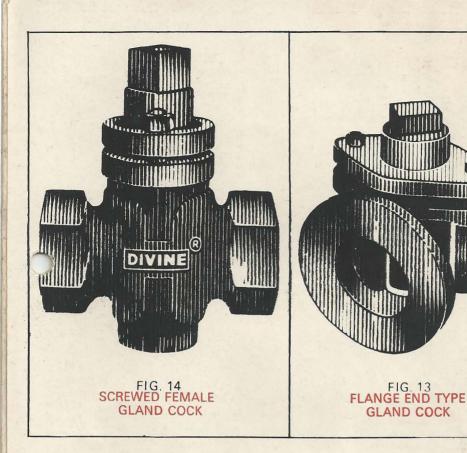




NOTE:

Cast Iron spring safety Valve (Fig No. 6, 7 & 8) are generally open Flow Type, Globe Type & Angle Enclosed Type. Construction of the valves are cast iron with good quality smooth finish and good appearence. Coil spring is made of spring steel. Machining with good workmanship and highest accuracy maintained and carefully assembled. Flanges are normally flat faces and drilled as per desired specification. Each Valve is tested to double the working pressure.

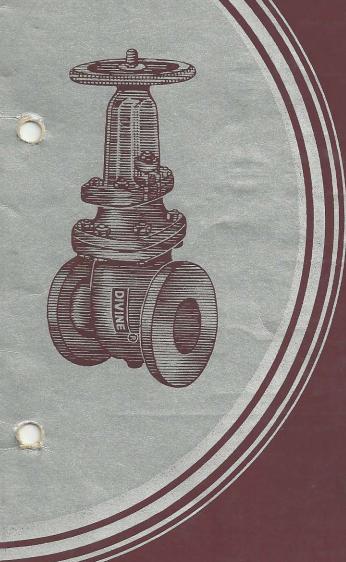




NOTE:

Cast Iron Gland Cock. (Fig. no. 13 & 14) have a design throughly up to data. Material of gland cock are Cast Iron with sound, smooth and good appearance and free from any defects. Machining is of the highest class throughtout. Cocks have correctly tapered plugs, having been correctly ground and carefully assembled. Every cock is hand adjusted and made to withstand continuous and severe service. The cocks are absolutly tight under pressure. All the cocks are tested to double the working pressure. Superior quality of finish is also achived.





DIVINE VALVES

CAST IRON RISING SPINDLE SOLID WEDGE FULL WAY GATE VALVES

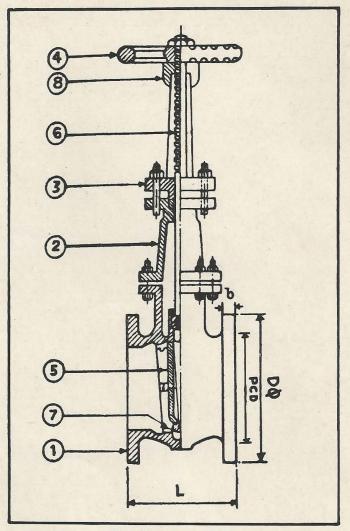


Fig No. 2 & 2M

SOLID WEDGE GATE VALVE.

WORKING PARTS

H.T Brass/L.G.M /S.S 18/8 AISI 304 13% cr. steel AISI 410

MANUFACTURING STD.

Indian standard and similar to Hatteraley

RANGE COVERAGE

1) 2 to 12' NB (Medium Pattern) 2) 50 mm. to 1200 mm N.B. (Indian Standard Heavy Type)

TEMPERATURE RANGE

0°C to 80°C

HYDROSTATIC PRESSURE

1) Body: 300 lb/sq. inch.] Fig No. 2M Seat: 150 lb/sq. inch.] 2) Body: 15 kg/cm² Seat: 10 kg/cm² Fig No. 2 IS: 780

3) Body: 9 kg/cm²

Seat : 6 kg/cm² Fig No. 2 IS : 2906

SL. NO.	COMPONENT	BASIC MATERIALS	SPECIFICATION
1	BODY	GREY CAST IRON	IS: 210 FG 200
2	BONNET	GREY CAST IRON	IS: 210 FG 200
3	YOKE	GREY CAST IRON	IS: 210 FG 200
4	HAND HHEEL	GREY CAST IRON	IS: 210 FG 200
5	WEDGE	GREY CAST IRON	IS: 210 FG 200
6	STEM	H.T BRASS/S.S	IS: 320, IS: 6603 04CR 18 Ni 10, 13% cr
7	SEAT	LEADED TIN BRONZE/S.S.	IS: 318, IS: 1570 AISI 304
8	YOKE SLEEVE	LEADED TIN BRONZE/G.M/S.S.	IS: 318, IS: 1570-04 CR: 18 Ni 10
9	GEAR	GREY CAST IRON	IS: 210 FG 200

DIMENSIONS

MEDIUM PATTERN (FIG NO. 2M)

SIZE OF VALVE	2	21/2	3	4	5	6	7	8	10	12
LENGTH OVER FLANGES L (APPROX) Inch/MM	3½	5½	6	63/4	7½ 200	8½ 205	83/4	91/4	101/4	10½
DIAMETER OF FLANGES D¢ (APPROX) Inch/MM	152	6½	71/4	8½ /215	10 255	280	12 305	131/4	16	18
THICKNESS OF FLANGES b (APPROX) Inch/MM	19	34/19	3/4	3/4/19	7/8	78/22.2	1 25.4	25.4	1 25 4	1 1/8

HEAVY PATTERN (FIG NO. 2)

	IS:	IS: 780 PN-1								IS: 2906-0.6											
NOMINAL SIZE D N	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	750	800	900	1000	1100	1200
LENGTH OVER FLANGES L	215	230	230	255	266	280	318	355	380	435	470	500	525	555	900	950	1000	1100	1200	1300	1400
DIAMETER OF FLANGES DØ	168	185	200	220	250	285	340	395	445	505	565	615	670	780	895	960	1015	1115	1230	1340	1455
THICKNESS OF FLANGES b	16	16	21	22	22.5	23	24.5	26	27.5	29	30	31.5	33	36	38.5	40	41.5	44	47	50	53
DIAMETER OF HOLES CENTRES P.C.D.	125	145	160	180	210	240	295	350	400	460	515	565	620	725	840	900	950	1050	1160	1270	1380
NO. OF HOLES	4	4	4	8	8	8	8	12	12	16	16	20	20	20	24	24	24	28	28	32	32

NOTE:

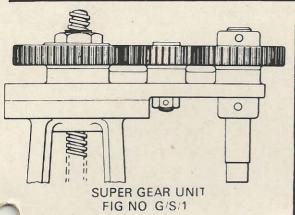
- 1. Flanges are normally flat faces and drilled as IS: 1536, BS 10 (Any table) DIN & ASA and it can be given to customer's own drawing / specification.
- 2. Operating of the valve generally Hand wheel, cap and different type of gear—drive—Indicator may be provided with the valve. Actuator also supplied where necessary
- 3. Tolerence on length over flange "L" 50 mm to 350 mm ± 2 mm

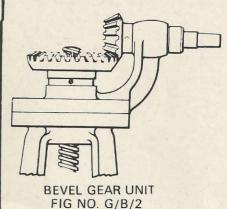
400 mm to 600 mm ± 3 mm

600 mm to 800 mm ± 4 mm

800 mm to 1200 mm ± 5 mm

ACCESSORIES FOR CAST IRON GATE VALVES





FOR RISING STEM FIG NO. 2 AND 2M

BEVEL GEAR UNIT

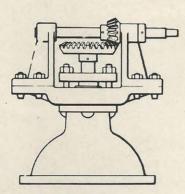


FIG NO G/B/3

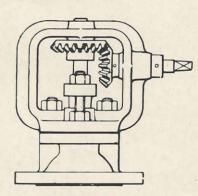


FIG NO. G/B/4

ONLY FOR INSIDE (NON-RISING)STEM. FOR FIG—1 AND 22

OPEN SHUT INDICATOR

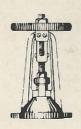


FIG NO. (S.W.1.2)



FIG NO.N.R.1.1 FOR NON RISING STEM

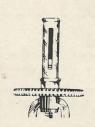


FIG NO. S W.I. 3