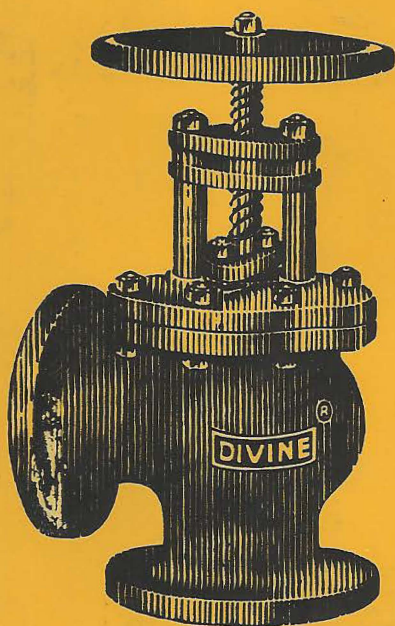
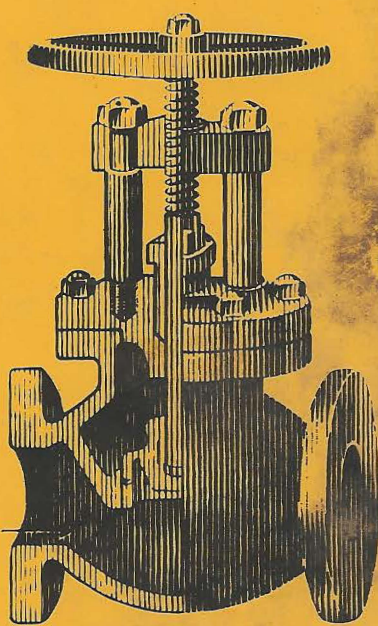


# DIVINE<sup>®</sup> VALVES



FIG—10  
Angle Valves



FIG—9  
Globe Valves

**CAST IRON STOP VALVES**

# DIVINE<sup>®</sup>

## WORKING PARTS

Bronze/G.M/S.S & 13% cr.  
steel. As per IS : 320  
IS : 6603 & AISI : 304, 410

## MANUFACTURING STD

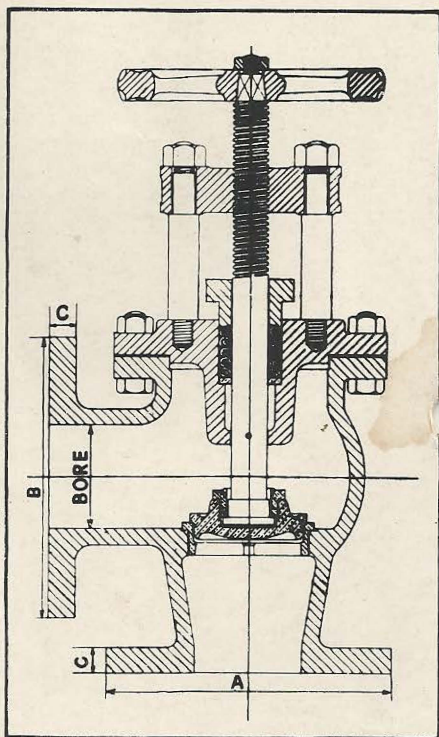
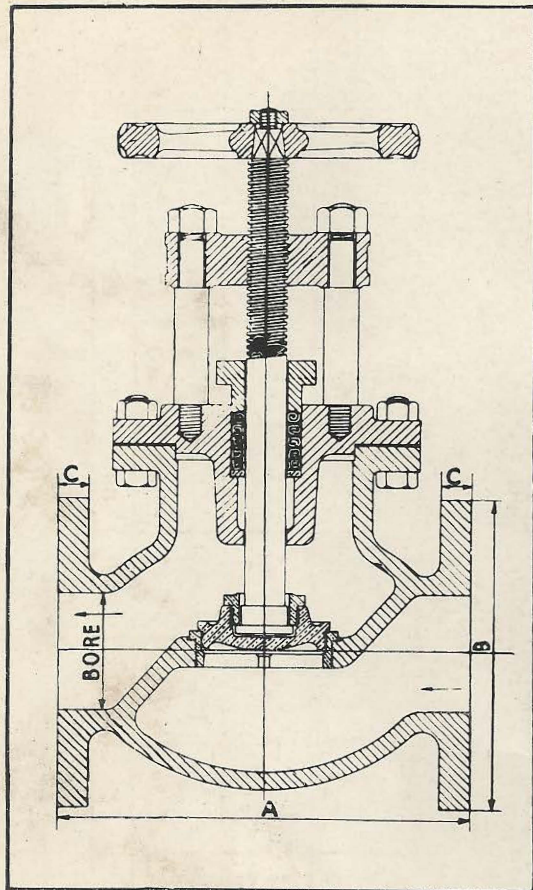
G. K. "HATTERSLEY" &  
"NEWMAN HENDER"

## RANGE COVER

2"/50 mm 12"/300 mm

## HYDROSTATIC TEST PRESSURE

50 MM to 150 MM  
Body—300 lb (20 kg/cm)<sup>2</sup>  
Seat—200 lb (15 kg/cm)<sup>2</sup>  
200 MM and above—  
Body—250 lb (17½ kg/cm)<sup>2</sup>  
Seat—150 lb (10 kg/cm)<sup>2</sup>



## NOTE :

Flanges are normally flat faces, 2 mm raised face flange also prepared according to the requirements. Flanges are drilled as per BS : 10 (Any Table), IS : 1537. It can be given to DIN, ASA and even customer's own specification/Drawings.

## MATERIAL CONSTRUCTION

| NO. | NOMENCLATURE        | MATERIAL                     | NO. | NOMENCLATURE  | MATERIAL             |
|-----|---------------------|------------------------------|-----|---------------|----------------------|
| 1   | Body                | C.I. IS: 210 FG 200          | 8   | Clamping nut  | Mild steel           |
| 2   | Bonnet              | C.I. IS: 210 FG 200          | 9   | Gland packing | Asbestos (Graphited) |
| 3   | Disc Rotating Valve | G.M./S.S.                    | 10  | Gasket        | Rubber & Fiberboard  |
| 4   | Seat                | G.M./S.S.                    | 11  | Washer        | Mild steel           |
| 5   | Stem (Rising)       | H.T. Brass /S.S. and 13% cr. | 12  | Nut           | Mild steel           |
| 6   | Gland Sleeve        | C.I. IS: 210 FG 200          | 13  | Hand wheel    | C.I. IS: 210 FG 200  |
| 7   | Clamping Stud       | Carbon steel                 |     |               |                      |

## DIMENSIONS OF GLOBE STOP VALVES fig nos. 9, 7, 12 & 20

|                                             |             |           |            |            |            |            |              |            |            |
|---------------------------------------------|-------------|-----------|------------|------------|------------|------------|--------------|------------|------------|
| Size of Valves Inch/mm (Approx)             | 2<br>50     | 2½<br>65  | 3<br>80    | 4<br>100   | 5<br>125   | 6<br>150   | 8<br>200     | 10<br>250  | 12<br>300  |
| Diameter of Flange Inch/mm (Approx)<br>B    | 6½<br>162.5 | 7¼<br>181 | 8<br>200   | 9<br>225   | 11<br>275  | 12<br>300  | 14½<br>362.5 | 17<br>430  | 19¼<br>490 |
| Thickness of Flange Inch/mm (Approx)<br>C   | ⅞<br>21.8   | ⅞<br>21.8 | 1<br>25.4  | 1⅛<br>28   | 1¼<br>31   | 1¼<br>31   | 1⅜<br>34     | 1⅜<br>34   | 1½<br>38   |
| Face to face distance Inch/mm (Approx)<br>A | 8<br>203    | 9<br>228  | 10¼<br>260 | 11¼<br>298 | 13¼<br>350 | 15¼<br>400 | 19¼<br>501   | 23½<br>597 | 26⅜<br>670 |
| Weight of Valve Kgs (Approx)                | 21.8        | 24        | 36         | 55         | 86         | 115        | 200          | 300        | 428        |