

# KANTILAL CHIMANLAL

AHMEDABAD  
SINCE-1913

## FORGED STEEL GATE VALVE

REDUCED BORE, CLASS 800, SCREWED/SOCKET WELDING ENDS

### SPECIFICATIONS

'SANT' Drop Forged Steel Wedge Gate Valve

Reduced Bore  
Bolted Bonnet  
Outside Screw & Yoke Type  
Rising Stem  
Backseat Arrangement  
Stainless Steel Trim  
Handwheel Operated  
Conforming to BS:5352/API 602 Class 800  
Screwed Female NPT/Socket Welding Ends

### TESTING & CERTIFICATION

Body Test Pressure 207 bar g (3000 Psig) Hyd.  
Seat Test Pressure 152 bar g (2200 Psig) Hyd.&  
6.9 bar g (100 Psig) Air

Test Certificate in Form IIIC as per IBR is furnished with every supply.

### MATERIALS

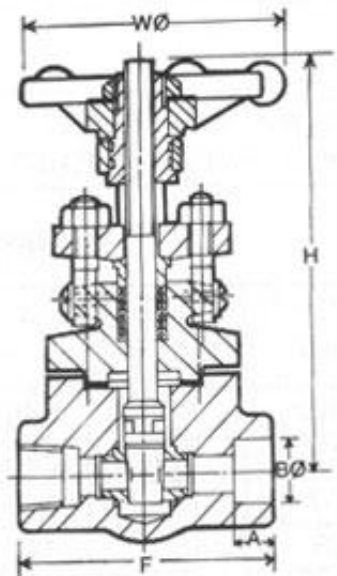
| Components   | Material                        | Material Specification |
|--|---------------------------------|------------------------|
| Body, Bonnet & Gland Flange                                      | Drop Forged C.Steel             | ASTM A 105             |
| Body Seat Ring, Wedge, Gland, Stem, Gland Eye Bolts, Yoke Sleeve | Stainless Steel                 | AISI 410               |
| Gland Packing  | Graphited Asbestos              |                        |
| Gasket   | Spiral Wound SS Asbestos Filled | SS AISI 304            |
| Handwheel  | Malleable Iron                  | IS:2108                |
| Studs/Bolts  | Alloy Steel                     | ASTM A193 Gr.B7        |
| Nuts   | High Tensile Steel              | ASTM A194 Gr.2H        |
| Gland Nuts, Screw, Wheel Nuts & Washer                           | Mild Steel                      | IS:226                 |

### DIMENSIONS (In mm)

| Nominal Size | F+1 | H   | W   | A     | B     | B     |
|--------------|-----|-----|-----|-------|-------|-------|
| 10           | 80  | 138 | 76  | 10    | 17.6  | 18.0  |
| 15           | 80  | 138 | 76  | 10    | 21.8  | 22.2  |
| 20           | 88  | 148 | 76  | 13    | 27.1  | 27.5  |
| 25           | 100 | 175 | 86  | 13    | 33.8  | 34.2  |
| 40           | 105 | 235 | 120 | 13    | 48.6  | 49.1  |
| 50           | 117 | 268 | 120 | 16    | 61.1  | 61.6  |
|              |     |     |     | (Min) | (Min) | (Max) |

SANT

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### Application

| Water | Oil | Gas | Steam |
|-------|-----|-----|-------|
| ●     | ●   |     | ●     |

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