

MAW®
FORGED GATE VALVE 800LB SERIES 990

Forged Gate Valves 800lb series 990 are bolted bonnet, conventional port, integral back seat, two piece self aligning packing, outside screw and yoke design. They are produced with screwed ends or socket weld ends connections. Common applications are steam and condensate service.

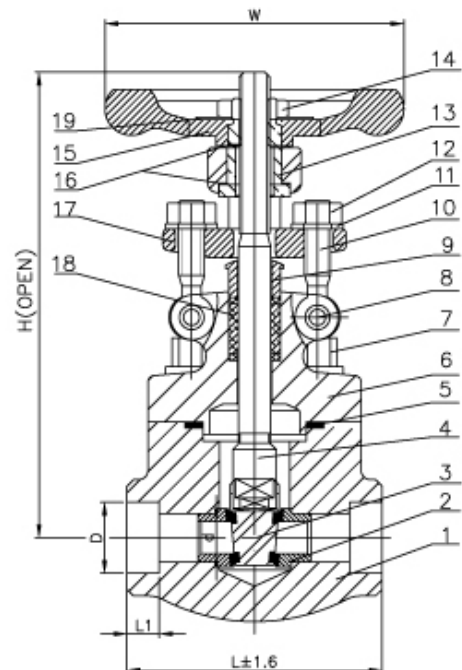

Series 990

* Please observe Operating and Maintenance Rules as well as all essential safety Requirements and labour health care guidance before valve installation and plant start up.

PARTS & MATERIALS

| No | Part | Materials |
|----|---------------|--------------|
| 1 | Body | A105 |
| 2 | Seat Ring | A276 410+STL |
| 3 | Disc | A276 410+STL |
| 4 | Stem | A276 410 |
| 5 | Gasket* | 304+graphite |
| 6 | Bonnet | A105 |
| 7 | Bolt | A193 B7 |
| 8 | Pin | A276 420 |
| 9 | Packing Gland | A276 420 |
| 10 | Eye bolt | A193 B7 |
| 11 | Gasket | A276 410 |
| 12 | Bolt | A194 2H |
| 13 | Yoke sleeve | A276 410 |
| 14 | Lock bolt | A194 2H |
| 15 | Hand wheel | A197 |
| 16 | Washer | A276 410 |
| 17 | Gland flange | A105 |
| 18 | Packing* | Graphite |
| 19 | Name plate | Aluminium |

The tabulated materials mean the standard manufacturing range. Other materials options may be provided on request. The parts marked with star mean the recommended usual spare parts.


DIMENSIONAL DATA

| SIZE | 3/8" | 1/2" | 3/4" | 1" | 1.1/4" | 1.1/2" | 2" |
|------|------|------|------|------|--------|--------|------|
| H | 169 | 169 | 182 | 208 | 254 | 290 | 330 |
| L | 79 | 79 | 92 | 111 | 120 | 120 | 140 |
| W | 96 | 96 | 96 | 120 | 150 | 1509 | 180 |
| L1 | 9,6 | 9,6 | 12,7 | 12,7 | 12,7 | 12,7 | 15,9 |
| D | 17,6 | 22,2 | 27,7 | 34,5 | 43,2 | 49,1 | 61,1 |
| d | 7,5 | 9,0 | 12,0 | 18,0 | 23,0 | 30,0 | 36,0 |

Dimensions are expressed in mm.

General arrangement drawings are available on request from our Design section.

Manufacturing standard conforms to API 602, BS 5352, and ANSI B16.34
 Valve pressure test according to API 598
 Design temperature: -29°C...425°C (for A105 body & graphite packing)
 Marking: MSS SP-25
 Socket weld ends according to ANSI/ASME B16.11
 Screwed ends according to: Option 1 DIN259, DIN2999, ISO228 CLASS A
 Option 2 NPT to ANSI/ASME B1.20.1

