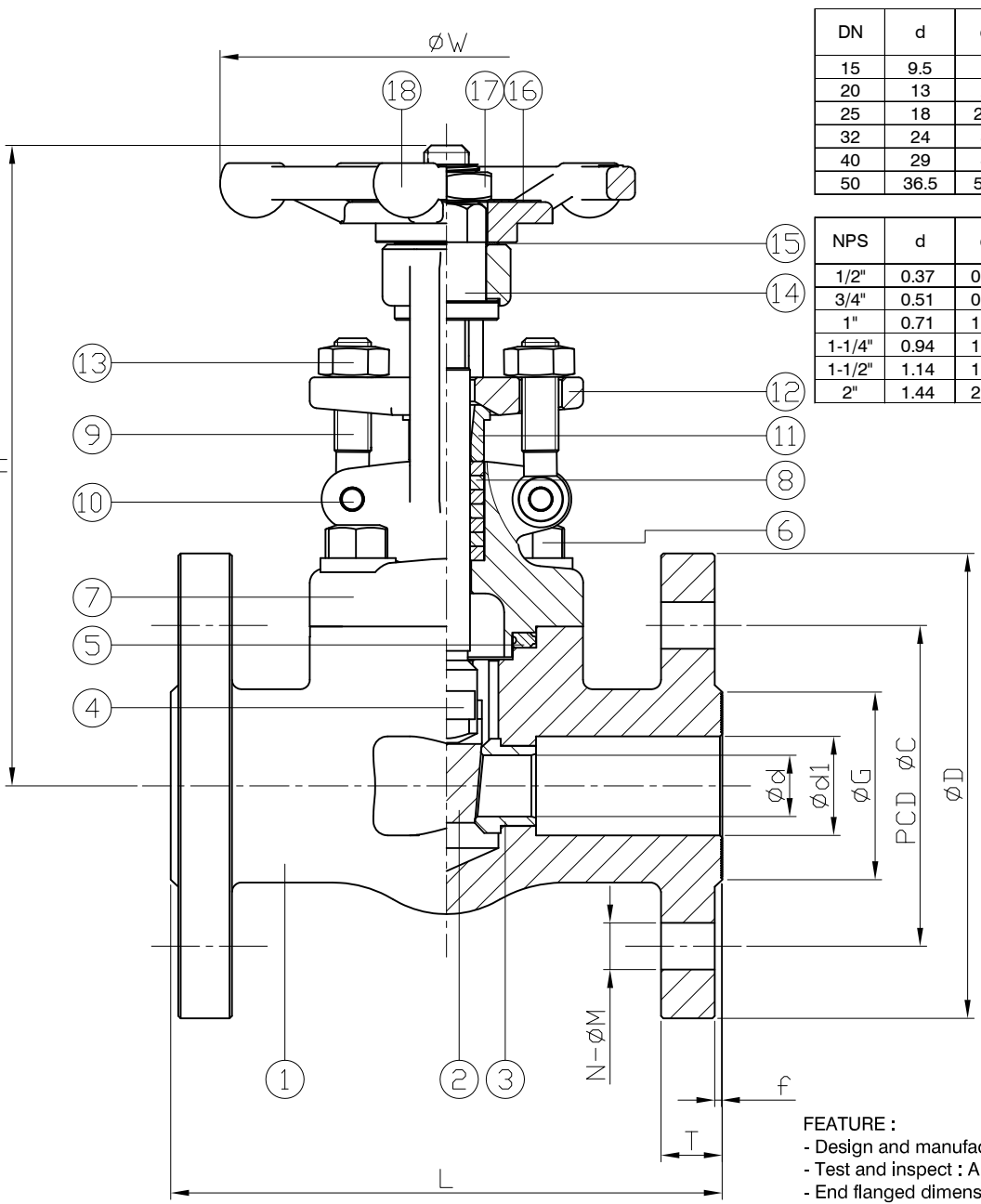


| | | | | | | |
|-------------------|-----|-----|-----|----|-------|----------|
| Ra | 0.2 | 1.6 | 6.3 | 25 | ± 0.1 | 0.5~5 |
| JIS | ▽▽▽ | ▽▽ | ▽ | ▽ | ± 0.2 | 6~30 |
| | | | | | ± 0.3 | 31~120 |
| | | | | | ± 0.5 | 121~320 |
| | | | | | ± 0.8 | 321~1000 |
| GENERAL TOLERANCE | | | | | | |

E-mail:sales@ohiovalve.com
 Drive Batavia,OH 45103 www.ohiovalve.com
 Tel:513-752-5600 Fax:513-752-8267

Ohio Valve Company
 4061 Clough Woods
 Tel:513-752-5600

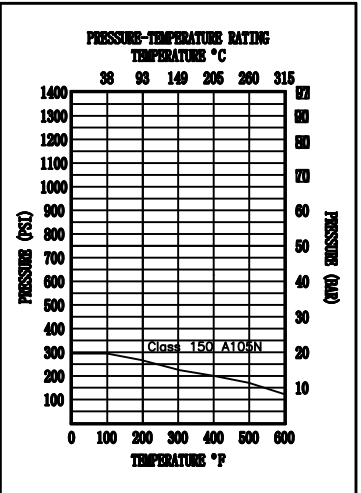


| DN | d | d1 | G | C | D | L | H | | W | T | f | N | M | Weight (kg) |
|----|------|------|------|-------|-----|-----|------|-------|-----|------|-----|---|----|-------------|
| | | | | | | | Open | Close | | | | | | |
| 15 | 9.5 | 16 | 34.9 | 60.3 | 90 | 108 | 153 | 140 | 100 | 11.5 | 1.6 | 4 | 16 | 2.9 |
| 20 | 13 | 21 | 42.9 | 69.9 | 100 | 117 | 157 | 142 | 100 | 13 | 1.6 | 4 | 16 | 3.2 |
| 25 | 18 | 26.5 | 50.8 | 79.4 | 110 | 127 | 185 | 165 | 120 | 14.5 | 1.6 | 4 | 16 | 5.2 |
| 32 | 24 | 35 | 63.5 | 88.9 | 115 | 140 | 226 | 200 | 160 | 16 | 1.6 | 4 | 16 | 7.8 |
| 40 | 29 | 41 | 73 | 98.4 | 125 | 165 | 241 | 210 | 160 | 17.5 | 1.6 | 4 | 16 | 9 |
| 50 | 36.5 | 52.5 | 92 | 120.7 | 150 | 178 | 280 | 241 | 220 | 19.5 | 1.6 | 4 | 19 | 15.5 |

unit:mm

| NPS | d | d1 | G | C | D | L | H | | W | T | f | N | M | Weight (lb) |
|--------|------|------|------|------|------|------|-------|-------|------|------|------|---|------|-------------|
| | | | | | | | Open | Close | | | | | | |
| 1/2" | 0.37 | 0.63 | 1.37 | 2.37 | 3.54 | 4.25 | 6.02 | 5.51 | 3.94 | 0.45 | 0.06 | 4 | 0.63 | 6.3 |
| 3/4" | 0.51 | 0.83 | 1.69 | 2.75 | 3.94 | 4.61 | 6.18 | 5.59 | 3.94 | 0.51 | 0.06 | 4 | 0.63 | 7.1 |
| 1" | 0.71 | 1.04 | 2 | 3.13 | 4.33 | 5 | 7.28 | 6.5 | 4.72 | 0.57 | 0.06 | 4 | 0.63 | 11.5 |
| 1-1/4" | 0.94 | 1.38 | 2.5 | 3.5 | 4.53 | 5.51 | 8.9 | 7.87 | 6.3 | 0.63 | 0.06 | 4 | 0.63 | 17.1 |
| 1-1/2" | 1.14 | 1.61 | 2.87 | 3.87 | 4.92 | 6.5 | 9.49 | 8.27 | 6.3 | 0.69 | 0.06 | 4 | 0.63 | 19.8 |
| 2" | 1.44 | 2.07 | 3.62 | 4.75 | 5.91 | 7.01 | 11.02 | 9.49 | 8.66 | 0.77 | 0.06 | 4 | 0.75 | 34.2 |

unit:in



Ratings (ASTM A105)
 800 p.s.i. @ 850 Degrees F
 1975 p.s.i. @ 100 Degrees F

Test pressure (ASTM A105)
 Hydrostatic (minimum)
 Body-435 p.s.i.
 Back seat-320 p.s.i.
 Pneumatic
 Seat-100 p.s.i.

- FEATURE :
- Design and manufacture : API 602 & ASME B16.34
 - Test and inspect : API 598
 - End flanged dimensions : ASME B16.5
 - Face to face : ASME B16.10

| ITEM | PARTS | MATERIAL |
|------|---------------|------------------------|
| 1 | BODY | ASTM A105N |
| 2 | WEDGE | ASTM A276-420 |
| 3 | SEAT RING | ASTM A276-410+STELLITE |
| 4 | STEM | ASTM A276-410 |
| 5 | GASKET | 304+ GRAPHITE |
| 6 | BOLT | ASTM A193-B7 |
| 7 | BONNET | ASTM A105N |
| 8 | PACKING | GRAPHITE |
| 9 | EYE BOLT | ASTM A193-B7 |
| 10 | PIN | ASTM A276-304 |
| 11 | GLAND | ASTM A276-420 |
| 12 | GLAND FLANGE | ASTM A216-WCB |
| 13 | NUT | ASTM A194-2H |
| 14 | STEM BUSHING | ASTM A276-410 |
| 15 | WASHER | |
| 16 | NAMEPLATE | ALUMINUM |
| 17 | HANDWHEEL NUT | ASTM A108-1020 |
| 18 | HANDWHEEL | ASTM A197 |

| | | | |
|--------|-------------|------|---------|
| △ | | | |
| △ | | | |
| △ | | | |
| Revise | Description | Date | Approve |

DRAWING NO. **GA150FE**

| | | | | |
|----------|--------------|-------------|---------------|----------------------------------------------|
| CHECK BY | DRAWING BY | DATE | SPECIFICATION | Forged Type Flanged End Gate Valve Class 150 |
| | <i>Sammy</i> | Feb.24.2016 | MATERIAL | A105N |
| | | | PROCESS/Nr. | |
| | | | UNIT / SCALE | mm |

