


| IT. | DESCRIPTION | MATERIAL |
|-----|-------------------|---------------------|
| 1 | BODY | ASTM A216 GR. WCB |
| 2 | SEAT RING | ASTM A105 + 316 |
| 3 | WEDGE | ASTM A216 WCB + 316 |
| 4 | BONNET STUD | ASTM A193 GR. B7 |
| 5 | BONNET NUT | ASTM A194 GR. 2H |
| 6 | GASKET | 316 + GRAPHITE |
| 7 | BONNET | ASTM A216 GR. WCB |
| 8 | BACK SEAT BUSHING | F316 |
| 9 | PACKING | GRAPHITE |
| 10 | STEM | F316 |
| 11 | YOKE | ASTM A216 Gr. WCB |
| 12 | YOKE SLEEVE | ASTM A439 GR D2 |
| 13 | HANDWHEEL NUT | ASTM A105 |
| 14 | HANDWHEEL | DUCTILE IRON |
| 15 | YOKE SLEEVE NUT | ASTM A105 |
| 16 | EYE BOLT NUT | ASTM A194 GR. 2H |
| 17 | GLAND FLANGE | ASTM A216 GR. WCB |
| 18 | GLAND EYE BOLT | ASTM A197 GR. B7 |
| 19 | PACKING GLAND | F316 |

| SIZE | L | N | W | H | End Flange | | | | | |
|-------|------|-----|------|-------|------------|-----------|-----|-----|------|------|
| | | | | | D | Bolt Hole | | | g | b |
| | | | | | | K | No. | d | | |
| 12" | 14.0 | 12 | 19.7 | 42.32 | 19.0 | 17.0 | 12 | 1.0 | 15.0 | 1.25 |
| 300mm | 356 | 305 | 500 | 1075 | 483.0 | 432.0 | 12 | 25 | 381 | 32.0 |

| STANDARDS | |
|-------------------------|-----------------------|
| Design | API 600, ANSI B 16.34 |
| Pressure - Temp. Rating | ANSI B 16.34 |
| Face to Face Dimension | ANSI B16.10 |
| Connection | ANSI B16.5 |
| Test & Inspection | API 598 |

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|------------------------------------|
| CUSTOMER: |
| P.O. NUMBER: |
| TAG NUMBER: |
| JOB NUMBER: |
| BB/TRIM: A216 GR. WCB / 316 |



BONNEY FORGE
 U.S. ROUTE 522 SOUTH
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ISO 9001
 Certificate Number: 30116

**WEDGE GATE VALVE
 CAST STEEL BOLTED BONNET
 ANSI CLASS 150 SIZE 12"**

| REV | DESCRIPTION | DATE | BY | DR. | DATE | DRAWING NO. | REV. |
|-----|-------------|------|----|-----|----------|-------------|------|
| | REVISIONS | | | JW | 12-16-02 | 1-13-RF | 0 |
| | | | | GLW | NONE | | |