



| IT. | DESCRIPTION | MATERIAL |
|-----|-------------------|----------------------|
| 1 | BODY | ASTM A216 GR. WCB |
| 2 | SEAT RING | ASTM A105 + STELLITE |
| 3 | WEDGE | ASTM A216 WCB/13CR |
| 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 | ASTM A182 GR. F6a |
| 9 | PACKING | GRAPHITE |
| 10 | STEM | ASTM A182 GR. F6a |
| 11 | YOKE SLEEVE | ASTM A439 GR D2 |
| 12 | HANDWHEEL NUT | ASTM A105 |
| 13 | HANDWHEEL | DUCTILE IRON |
| 14 | YOKE SLEEVE NUT | ASTM A105 |
| 15 | EYE BOLT NUT | ASTM A194 GR. 2H |
| 16 | GLAND FLANGE | ASTM A216 GR. WCB |
| 17 | GLAND EYE BOLT | ASTM A197 GR. B7 |
| 18 | PACKING GLAND | ASTM A182 GR. F6a |

| SIZE | L | N | W | H | End Flange | | | | | |
|------|-----|----|------|-------|------------|-----------|-----|------|-----|------|
| | | | | | D | Bolt Hole | | | g | b |
| | | | | | | K | No. | d | | |
| 3" | 8.0 | 3 | 9.84 | 16.73 | 7.5 | 6.0 | 4 | 0.75 | 5.0 | 0.75 |
| 80mm | 203 | 76 | 250 | 425 | 191.0 | 152.4 | 4 | 20 | 127 | 19.5 |

| 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 / 13 Cr. |

BONNEY FORGE
 U.S. ROUTE 522 SOUTH
 P.O. BOX 330
 MOUNT UNION, PA 17066

ISO 9001
 Certificate Number: 30116

**WEDGE GATE VALVE
 CAST STEEL BOLTED BONNET
 ANSI CLASS 150 SIZE 3"**

| | | | | | | | |
|-----|-------------|------|----|-----------|---------------|----------------|----------|
| REV | DESCRIPTION | DATE | BY | DR. BSG | DATE 10-22-99 | DRAWING NO. | REV. |
| | REVISIONS | | | APPD. GLW | SCALE NONE | 1-11-RF | 0 |