



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

| SIZE | L | N | W | H | End Flange | | | | | |
|-------|------|-----|------|------|------------|-----------|-----|------|------|------|
| | | | | | D | Bolt Hole | | | g | b |
| | | | | | | K | No. | d | | |
| 4" | 11.5 | 4 | 12.0 | 16.5 | 9.0 | 7.5 | 8 | 0.75 | 6.19 | 0.94 |
| 100mm | 292 | 102 | 300 | 420 | 229 | 190.5 | 8 | 19.0 | 157 | 24.0 |

| STANDARDS | |
|-------------------------|---------------------|
| Design | BS1873, ANSI B16.34 |
| Pressure - Temp. Rating | ANSI B16.34 |
| Face to Face Dimension | ANSI B16.10 |
| Connection | ANSI B16.5 |
| Test & Inspection | API 598 |

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

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

ISO 9001
Certificate Number: 30116

**GLOBE VALVE
CAST STEEL BOLTED BONNET
ANSI CLASS 150 SIZE 4"**

| REV | DESCRIPTION | DATE | BY | DR. | DATE | DRAWING NO. | REV. |
|-----|-------------|------|----|-----|---------|-------------|------|
| | REVISIONS | | | BSG | 11-5-99 | 1-33-RF | 0 |
| | | | | GLW | NONE | | |