

| IT. | DESCRIPTION | MATERIAL |
|-----|------------------|------------------|
| 1 | HANDWHEEL NUT | CARBON STEEL |
| 2 | NAME PLATE | ALUMINUM |
| 3 | HANDWHEEL | CARBON STEEL |
| 4 | YOKE SLEEVE | AISI-416 |
| 5 | GLAND NUT | A194-GR.8 |
| 6 | GLAND BOLT STUDS | A193-B8 |
| 7 | GLAND FLANGE | A182-F316 |
| 8 | PACKING GLAND | AISI-316L |
| 9 | PACKING | GRAPHITE |
| 10 | STEM | A182-F316 |
| 11 | BOLTS | A193-B8 |
| 12 | BONNET | A182-F316 |
| 13 | GASKET | F316L + GRAPHITE |
| 14 | WEDGE | F316 |
| 15 | SEAT | F316 + STELLITE |
| 16 | BODY | A182-F316 |

SOCKET WELDING ENDS ACCORDING TO ANSI B16.11
 SCREWED ENDS ACCORDING TO ANSI B1.20.1 (NPT)


| VALVE SIZE | 1/4 | 3/8 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 |
|------------------|-----|-----|--------|--------|---------|-------|---------|--------|
| DIMENSION | | | | | | | | |
| A | | | 3 1/8 | 3 9/16 | 4 5/16 | | 5 | 5 1/4 |
| B open | | | 6 | 6 1/4 | 7 3/4 | | 10 1/16 | 10 5/8 |
| C | | | 3 7/16 | 3 7/16 | 3 13/16 | | 5 7/16 | 5 7/16 |
| D | | | 7/8 | 1 1/16 | 1 5/16 | | 1 15/16 | 2 7/16 |
| E | | | 1/2 | 9/16 | 5/8 | | 3/4 | 7/8 |
| F | | | .378 | .551 | .709 | | 1.181 | 1.437 |
| G | | | 1 1/4 | 1 1/2 | 1 7/8 | | 2 1/2 | 3 1/16 |
| ITEM# | | | | | | | | |
| APPROX. WT. | | | 4 1/4 | 5 | 8 | | 16 | 16 1/2 |

CUSTOMER: _____
 P.O. NUMBER: _____
 TAG NUMBER: _____
 JOB NUMBER: _____
 BB/TRIM: A182-F316 / F316

B

BONNEY FORGE

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



ISO 9001
Certificate Number: 30116

GATE VALVE BOLTED BONNET
OS & Y SOCKET WELD OR THREADED
1/2" TO 2" CL.800# RED. BORE

| REV | DESCRIPTION | DATE | BY | DR. | GLW | DATE | 7-28-99 | DRAWING NO. | REV. |
|-----|-------------|------|----|-------|-----|-------|---------|--------------|----------|
| | REVISIONS | | | APPD. | BG | SCALE | NONE | HL-18 | 0 |