



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

FINISH (125-250 AARH)
SERRATED SPIRAL FINISH

| VALVE SIZE | 1/2 | 3/4 | 1 | 1 1/2 | 2 | 3 | | |
|--------------------|---------|---------|---------|---------|---------|--------|--|--|
| DIMENSION | | | | | | | | |
| A | 4 1/4 | 4 5/8 | 5 | 6 1/2 | 7 | 8 | | |
| B open | 6 13/16 | 7 3/16 | 8 3/8 | 10 1/16 | 11 7/16 | 13 1/2 | | |
| C | 3 7/16 | 3 7/16 | 3 13/16 | 5 7/16 | 5 7/16 | 6 3/4 | | |
| D | 3 1/2 | 3 7/8 | 4 1/4 | 5 | 6 | 7 1/2 | | |
| E | 1 3/8 | 1 11/16 | 2 | 2 7/8 | 3 5/8 | 5 | | |
| F | .378 | .551 | .709 | 1.181 | 1.441 | 1.890 | | |
| G | 7/16 | 1/2 | 9/16 | 11/16 | 3/4 | 15/16 | | |
| | | | | | | | | |
| | | | | | | | | |
| ITEM# | | | | | | | | |
| APPROX. WT. | 5 1/2 | 8 1/2 | 12 | 21 1/4 | 29 1/4 | 46 3/4 | | |

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

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

ISO 9001
Certificate Number: 30116

**GATE VALVE B.B. OS & Y
INTEGRAL FLANGED ENDS
1/2" to 3" CL.150# RED. BORE**

| REV | DESCRIPTION | DATE | BY | DR. | GLW | DATE | 7-28-99 | DRAWING NO. | REV. |
|-----|-------------|------|----|-------|-----|-------|---------|-----------------|----------|
| | REVISIONS | | | APPD. | BG | SCALE | NONE | L1-18-RF | 0 |