**SAFETY VALVE**

**BRONZE**

- **3/8 DIA:** 3/8
- **5/16 X 32:** 5/16
- **5/16 X 8:** 5/16

**STAINLESS STEEL**

- **3/16 DIA:** 3/16
- **1/32 DIA:** 1/32
- **30°:** 30°

**DIESEL STEEL D-BIT**

- **APPROX 80° NODER:** 80°
- **SILVER STEEL D-BIT:** Silver Steel

**HARDENED & TEMPERED**

**BRONZE**

- **3/16 DIA:** 3/16
- **5/32 X 40:** 5/32

**CHECK VALVE**

**BRASS**

- **5/32 X 40:** 5/32
- **3/16 X 40:** 3/16
- **1/8 BORE:** 1/8
- **4 S.W.G:** 4
- **6 TURNS:** 6

**SPRING**

**BRONZE**

- **1/4 AF HEX BOLT:** 1/4
- **5/6 AF HEX BOLT:** 5/6

**SILVER SOLDER**

- **1/8 DIA BALL:** 1/8
BOLTED THROUGH

BOILER SHELL

LINEAR REGULATOR AND
MAIN STEAM VALVE SHOWN

COMBINED INTO SINGLE FITTING

BODY 2-PART, SILVER SOLDERED TOGETHER

BRONZE 1/8 B.C.N.X. & 1/8 DIA.

LINEAR REG.
MAIN STEAM VALVE
(FOR HORIZONTAL BOILERS)

SPINDLE
NICKEL SILVER OR
STAINLESS STEEL 3/16 DIA

BODY. 2-PARTS SILVER IN STEEL TOGETHER

BRONZE. 3/8 A.F. HEX & 1/4 DIA

GLAND
BRASS. 5/16 A.F. HEX

HANDWHEEL - AS FOR WATER GAUGE
**SPINDLE BRONZE**

SMALL NICK FILED INTO OPENING SIDE OF PORT TO GIVE FINE CONTROL OF SLOW SPEED

**STEAM CHEST BRONZE**

6-HOLES 10 B.A. CLEAR ON 5/8 P.C.D.

**PORT FACE BRONZE**

8-HOLES TAP 10 B.A. ON 5/8 P.C.D.

**OPERATING ARM 1/8 BRASS**

10 B.A. 1/8 3/16 DIA TO FIT SERVO LINKAGE

**VALVE 1/8 THICK BRONZE**

7/32 X 40 DIA 5/16

6-HOLES 10 B.A. CLEAR ON 5/8 P.C.D.

1/16 1/8 3/16 3/8 DIA DIA TO FIT SERVO LINKAGE
SMOKEBOX 20G. M.S.

MAHOGANY WOOD LAGGING STRIPS.

BRASS BANDS HOLD WOOD & BOILER.

5/32" COPPER STEAM PIPE TO ENGINE.

ALL BOLTED TOGETHER WITH 6BA. NUTS & BOLTS.

3/8" x 1/16" x 12" lg. M.S. FOR ENGINE SUPPORTS

B2

BOILER CASING - 20G. MILD STEEL.
WATER GAUGE

ALL PARTS BRONZE EXCEPT: — SPINDLE — STAINLESS STEEL OR NICKLE SILVER
— HANDWHEEL AND GLAND NUTS — BRASS

NOTES

GAUGE GLASS VARIES IN SIZE. ALLOW ABOUT 5 THOU CLEARANCE ON THE DIAMETER
THIS GAUGE WAS DESIGNED FOR THE SMALLEST 'SHELLBACH' BLUE LINE GLASS AS SUPPLIED BY
CAMDEN MINIATURE STEAM SERVICES AND REEVES (3.8 TO 4.8 MM DIA.)

6 SLICES OF 1/4 O.D. BRASS TUBE SILVER SOLDERED ROUND
A SLICE OF 1/4 DIA BRASS ROD, 1/6 THICK.

SEE NOTES