6. SEE SHEETS 2 AND 3 FOR ADDITIONAL INFORMATION.

5. CABLE LENGTH ORIGINATES AT THE CABLE EXIT POINT ON THE LOAD SENSOR.

4. LOAD CELL WIRE COLOR CODE:
   - EXCITATION: GREEN
   - EXCITATION: BLACK
   - SENSE: BLUE
   - SENSE: BROWN
   - SIGNAL: RED
   - SIGNAL: WHITE
   - SHIELD: NAKED

⚠️ SCALE CABLE WIRE ENDS ARE STRIPPED BACK APPROXIMATELY 0.5 INCHES AND TIPPED.
SCALE CABLE JACKET IS STRIPPED BACK APPROXIMATELY 2-3 INCHES.

2. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.

1. RATED OUTPUT: 2.000 ±0.2 mV/V.

NOTES: UNLESS OTHERWISE SPECIFIED

OUTLINE DRAWING,
BS200 SERIES BENCH SCALES

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
<th>PARTS LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

D 21316  0588-0157  A
### MODEL NUMBER CONFIGURATION CHART

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>CAPACITY</th>
<th>SCALE MATERIAL</th>
<th>DIMENSION A</th>
<th>DIMENSION B</th>
<th>DIMENSION C (ADJUSTABLE)</th>
<th>DIMENSION D</th>
<th>DIMENSION E</th>
<th>CABLE LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB2200-1212-0LB</td>
<td>5 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>12 IN</td>
<td>12 IN</td>
<td>4.00 IN - 4.75 IN</td>
<td>9.88 IN</td>
<td>9.88 IN</td>
<td>10 FT [3M]</td>
</tr>
<tr>
<td>HB2200-1212-25LB</td>
<td>25 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>12 IN</td>
<td>12 IN</td>
<td>4.00 IN - 4.75 IN</td>
<td>9.88 IN</td>
<td>9.88 IN</td>
<td>10 FT [3M]</td>
</tr>
<tr>
<td>HB2200-1212-50LB</td>
<td>50 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>12 IN</td>
<td>12 IN</td>
<td>4.00 IN - 4.75 IN</td>
<td>9.88 IN</td>
<td>9.88 IN</td>
<td>10 FT [3M]</td>
</tr>
<tr>
<td>HB2200-1212-100LB</td>
<td>100 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>12 IN</td>
<td>12 IN</td>
<td>4.00 IN - 4.75 IN</td>
<td>9.88 IN</td>
<td>9.88 IN</td>
<td>10 FT [3M]</td>
</tr>
<tr>
<td>HB2200-1616-50LB</td>
<td>50 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>18 IN</td>
<td>18 IN</td>
<td>4.00 IN - 4.75 IN</td>
<td>15.88 IN</td>
<td>15.88 IN</td>
<td>10 FT [3M]</td>
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<tr>
<td>HB2200-1616-100LB</td>
<td>100 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>18 IN</td>
<td>18 IN</td>
<td>4.00 IN - 4.75 IN</td>
<td>15.88 IN</td>
<td>15.88 IN</td>
<td>10 FT [3M]</td>
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<tr>
<td>HB2200-2424-150LB</td>
<td>150 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>24 IN</td>
<td>24 IN</td>
<td>5.50 IN - 6.50 IN</td>
<td>20.38 IN</td>
<td>20.38 IN</td>
<td>10 FT [3M]</td>
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<tr>
<td>HB2200-2424-500LB</td>
<td>500 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>24 IN</td>
<td>24 IN</td>
<td>5.50 IN - 6.50 IN</td>
<td>20.38 IN</td>
<td>20.38 IN</td>
<td>10 FT [3M]</td>
</tr>
<tr>
<td>HB2200-2424-1000LB</td>
<td>1000 LBS</td>
<td>STAINLESS STEEL FLAT TOP PAINTED STEEL BASE</td>
<td>24 IN</td>
<td>24 IN</td>
<td>5.50 IN - 6.50 IN</td>
<td>20.38 IN</td>
<td>20.38 IN</td>
<td>10 FT [3M]</td>
</tr>
</tbody>
</table>

### Maximum Capacity ($F_{max}$)
- Pounds: 5, 25, 50, 150, 300, 500, 1000

### Rated Output (R.O.) or Rated Capacity
- $V_{in} / V$: 2000

### Rated Output Tolerance
- $V_{in} / V$: ±0.002

### Zero Balance
- $V_{in} / V$: 0.002

### Zero Return (30 minutes)
- $V_{in} / V$: ±0.002

### Total Error
- $V_{in} / V$: ±0.002

### Temperature Error on Zero
- $V_{in} / V$: ±0.002

### Temperature Error on Output
- $V_{in} / V$: ±0.002

### Eccentric Loading Error
- $V_{in} / V$: ±0.002

### Excitation Voltage ($V_{exc}$)
- $V$: 5-15

### Input Resistance
- $R$: 415 ±20

### Output Resistance
- $R$: 350 ±3

### Insulation Resistance (Ω 1000VDC)
- $R$: ≥ 2000

### Compressed Temperature Range
- $T$: −10 to +40

### Operating Temperature Range
- $T$: −20 to +70

### Overload
- $R_{in} / V$: 300

### End Loading
- $R_{in} / V$: 100

### Corner Loading
- $R_{in} / V$: 100