8x12x22L-Frames: 404T-449TS
Bell & Gossett Series HSCS
Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**

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<tr>
<th>Flow</th>
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<th>RPM</th>
<th>Volts</th>
<th>Cycle</th>
<th>Phase</th>
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- **STANDARD:** 300 PSIG (21 Bar) working pressure, **125/**250# ANSI Flanges
- **OPTIONAL:** 400 PSIG (27 Bar) working pressure, ***250# ANSI Flanges

- **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OTHER:**

**MATERIALS OF CONSTRUCTION**
- [ ] CAST IRON BRONZE FITTED
- [ ] FABRICATED HEAVY DUTY
- [ ] ANSI/OSHA COUPLING GUARD
- [ ] FLEXIBLE COUPLING
- [ ] SPACER COUPLING (OPTIONAL)
- [ ] GALVANIZED DRIP PAN OPTIONAL

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**DIAGRAM:**

Bell & Gossett Pump 8x12x22L HSCS Series

**NOTE:** Polished Volute is Standard on this Pump.
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![Graph and Diagram](image-url)
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Specifications:

- **Flow**
- **Head**
- **HP**
- **RPM**
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- **Phase**
- **Enclosure**
- **Approx. Weight**
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Other:

- **Materials of Construction**
  - Cast Iron Bronze Fitted
  - Fabricated Heavy Duty
  - ANSI/OSHA Coupling Guard
  - Flexible Coupling
  - Spacer Coupling (Optional)
  - Galvanized Drip Pan Optional

Diagram:

- Total Head
- Pump
- 8x12x22L HSCS Series
- Speed 1755 RPM
- Impeller Data
- Performance for Non-Overloading with a 1.0 S.F.
- Motor HP
- Imp Dia.

Note: Polished Volute is Standard on this Pump.
### DIMENSIONS - Inches (mm)

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<thead>
<tr>
<th>MOTOR FRAME</th>
<th>HA (Inches)</th>
<th>HB (Inches)</th>
<th>2HE (Inches)</th>
<th>HF1 (Inches)</th>
<th>HF2 (Inches)</th>
<th>HG (Inches)</th>
<th>HH (Inches)</th>
<th>HP (Inches)</th>
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<th>HC* (Inches)</th>
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*Motor dimensions are approximate, vary by manufacturer and motor type. Dimensions are subject to change. Not to be used for construction purposes unless certified.

**Flange dimensions are in accordance with ANSI A21.10, AWWA C110 & ANSI B16.1 class 125.

***Flange dimensions are in accordance with ANSI B16.1 class 230 except flanges are hot boxed, i.e., FF.

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