12x16x23 - Frames: 284T-365TS
Bell & Gossett Series HSCS
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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<th>GPM</th>
<th>FT.</th>
<th>RPM</th>
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MOTOR DATA:

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SPEC. CONSTR.:

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MATERIALS OF CONSTRUCTION

- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL

- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10°C to 220°F (-12°C to 104°C).
- OPTIONAL: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10°C to 220°F (-12°C to 104°C).
- OPTIONAL: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10°C to 220°F (-12°C to 104°C).

OTHER:

1200 RPM PUMP CURVES

Minimum recommended flow is 30% B.E.P.
12x16x23 - Frames: 284T-365TS
Bell & Gossett Series HSCS
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- GPM
- FT.
- RPM

MOTOR DATA:
- HP
- VOLTS
- ENCL
- HZ
- PHASE

SPEC. CONSTR.:
- APPROX. WEIGHT
- LBS.

MATERIALS OF CONSTRUCTION:
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL

- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- STANDARD: 300 PSIG (21 bar) working pressure, from -10°F to 220°F (-23 °C to 104 °C)
- OPTIONAL: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10°F to 220°F (-23 °C to 104 °C)
- OPTIONAL: Crane Type 8B-1, Viton/Carbon Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10°F to 220°F (-23 °C to 104 °C)
- OTHER:
12x16x23 - Frames: 284T-365TS
Bell & Gossett Series HSCS
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- GPM
- FT.
- RPM
- HP
- VOLTS
- ENCL
- HZ
- PHASE

MATERIALS OF CONSTRUCTION:
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

1800 RPM PUMP CURVES

PERFORMANCE FOR NON OVERLOADING WITH A 1.0 S.F.

NOTE: 17-4 PH shaft material is standard at this speed.
**12x16x23 - Frames: 284T-365TS**  
**Bell & Gossett Series HSCS**  
**Base Mounted - Double Suction Centrifugal Pumps**

### Specifications:

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**Motor Data:**
- **HP**
- **VOLTS**
- **ENCL**
- **HZ**
- **PHASE**

**Spec. Constr.:**
- **Approx. Weight**
- **Lbs.**

**Materials of Construction:**
- [ ] Cast Iron Bronze Fitted
- [ ] FABRICATION HEAVY DUTY
- [ ] OSHA Coupling Guard
- [ ] All Metal Gear Type Coupling
- [ ] Galvanized Drip Pan Under Flanges (Optional)

### Type of Seal

- **Standard:** 175 PSI (12 Bar) working pressure, **125# ANSI Flange Configuration**
- **Optional:** 300 PSI (21 Bar) working pressure, ***250# ANSI Flange Configuration**
- **Optional:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C 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 °C to 104 °C).
- **Optional:** Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSI (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **Other:**

---

**Diagram:**

[Diagram of pump specifications and performance data]

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*xylem*  
Let's Solve Water
**DIMENSIONS - Inches (mm)**

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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.**

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