8x12x22M 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

MATERIALS OF CONSTRUCTION
- Cast Iron Bronze Fitted
- Fabricated Heavy Duty
- OSHA Coupling Guard
- All Metal Gear Type Coupling
- Galvanized Drip Pan Under Flanges (Optional)

STANDARD: 300 PSIG (21 Bar) working pressure, **125/**250# ANSI Flanges

OPT. STANDARD: 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).

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

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

OTHER:
8x12x22M Frames: 284T-365TS
Bell & Gossett Series HCS
Base Mounted - Double Suction Centrifugal Pumps

- **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
- OSHA Coupling Guard
- All Metal Gear Type Coupling
- Galvanized Drip Pan Under Flanges (Optional)

**1800 RPM PUMP CURVES**

**TOTAL HEAD (M) (FT)**

**BELL & GOSSETT PUMP** 8x12x22M HCS SERIES **SPEED** 1795 RPM

**IMPELLER DATA**

**IMP. NO.** P-3599

**NO. OF VANES** 5

**MAX. DIA.** 21" (533mm) **MIN. DIA.** 12" (305mm)

**MAX. SPHERE** 1.40" (35mm) **AREA 68.04 ft² (439 cm²)

**PERFORMANCE FOR NON OVERLOADING WITH A 1.2 S.F.**

**MOTOR HP** 350 **IMP. DIA.** 19.9" (506mm)

**500** 19.1" (486mm)

**250** 17.4" (442mm)

**200** 18.9" (469mm)

**150** 14.1" (368mm)

**125** 12.9" (326mm)

**NPSH REQ'D (FEET) 10 (METERS 3.0)**

**MINIMUM RECOMMENDED FLOW IS 45% B.E.P**
**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.