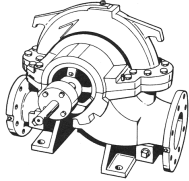


|                    |                        |              |
|--------------------|------------------------|--------------|
| <b>JOB:</b>        | <b>REPRESENTATIVE:</b> |              |
| <b>UNIT TAG:</b>   | <b>ORDER NO.:</b>      | <b>DATE:</b> |
| <b>ENGINEER:</b>   | <b>SUBMITTED BY:</b>   | <b>DATE:</b> |
| <b>CONTRACTOR:</b> | <b>APPROVED BY:</b>    | <b>DATE:</b> |



# 8x12x22L

## Bell & Gossett Series HSCS

### Base Mounted - Double Suction Centrifugal Pumps

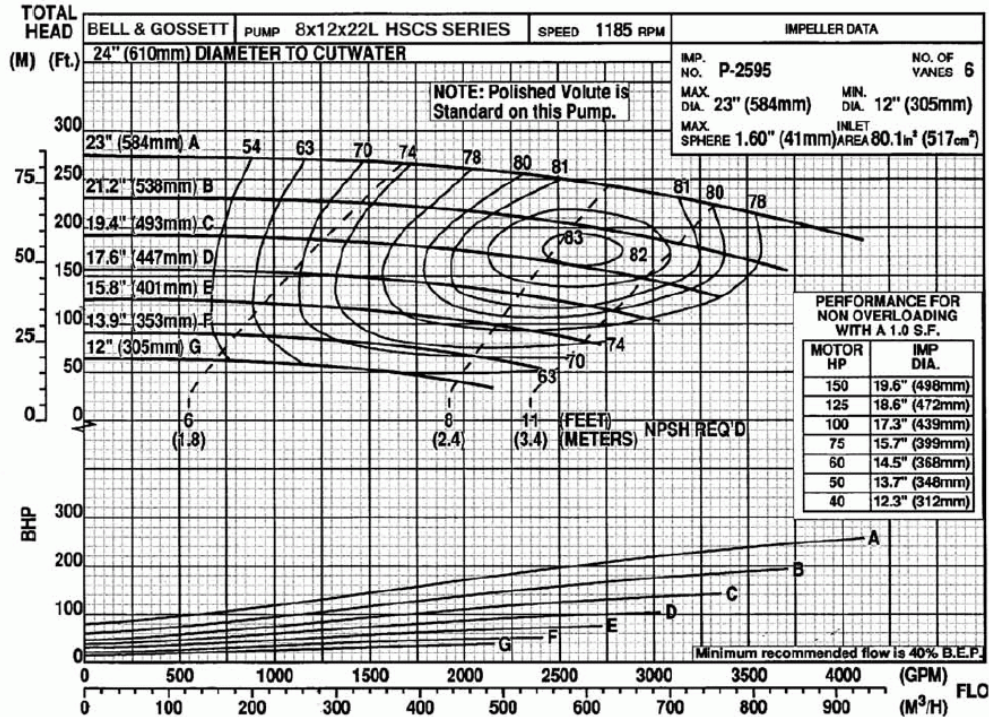
**SPECIFICATIONS:**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 VOLTS \_\_\_\_\_  
 CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
 ENCLOSURE \_\_\_\_\_  
 APPROX. WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_

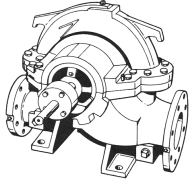
- STANDARD:** 300 PSIG (21 Bar) working pressure, \*\*125/\*\*250# ANSI Flanges
- OPTIONAL:** 400 PSIG (27 Bar) working pressure, \*\*\*250# ANSI Flanges
- STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).
- OPTIONAL:** 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



|   |  |  |
|---|--|--|
| <b>JOB:</b><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><b>ORDER NO.:</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|---|--|--|



# 8x12x22L - Frames: 5807S TEFC-6809S WPI

## Bell & Gossett Series HSCS

### Base Mounted - Double Suction Centrifugal Pumps

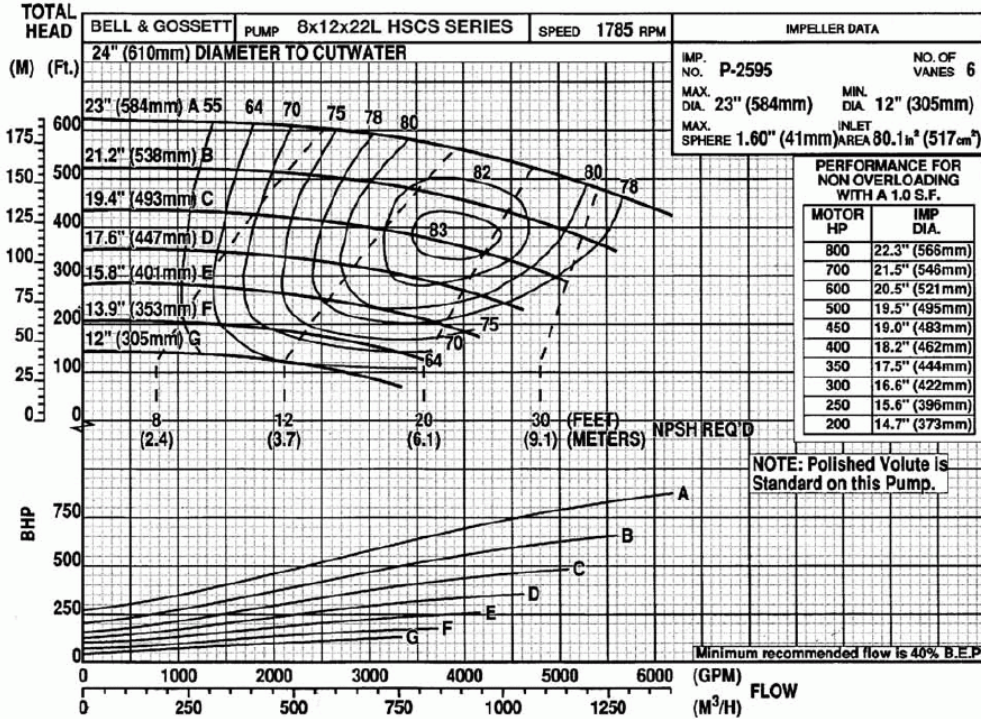
**SPECIFICATIONS:**

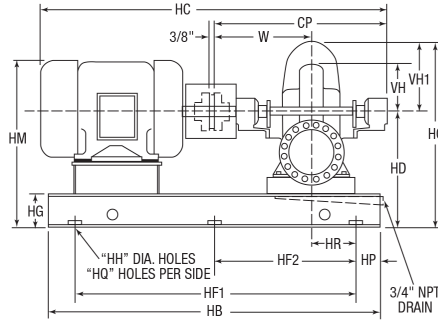
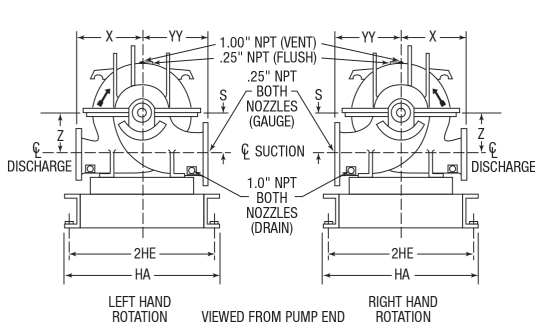
FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 VOLTS \_\_\_\_\_  
 CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
 ENCLOSURE \_\_\_\_\_  
 APPROX. WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_

- 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)





| FLANGE DIMENSIONS IN INCHES (MM) |         |
|----------------------------------|---------|
| Discharge                        | Suction |
| 12                               | 8       |

\*\*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 250 except flanges are flat faced, i.e., F.F.

**DIMENSIONS - Inches (mm)**

| MOTOR FRAME | HA       | HB         | 2HE      | HF <sub>1</sub> | HF <sub>2</sub> | HG       | HH        | HP      | HR       | CP           | HC*        | HD       | HM*       | HO           | HQ | S & Z    | VH          | VH <sub>1</sub> | W           | X        | YY       |
|-------------|----------|------------|----------|-----------------|-----------------|----------|-----------|---------|----------|--------------|------------|----------|-----------|--------------|----|----------|-------------|-----------------|-------------|----------|----------|
| 5807S TEFC  | 32 (813) | 93 (2362)  | 30 (762) | 81 (2057)       | 27 (686)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.5 (1257)  | 108 (2743) | 30 (762) | 46 (1168) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 5809S TEFC  | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.5 (1257)  | 108 (2743) | 30 (762) | 45 (1143) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 5811S TEFC  | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.50 (1257) | 123 (3124) | 30 (762) | 45 (1143) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 5007S WPI   | 32 (813) | 93 (2362)  | 30 (762) | 81 (2057)       | 27 (686)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.50 (1257) | 94 (2388)  | 30 (762) | 44 (1118) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 5009S WPI   | 32 (813) | 93 (2362)  | 30 (762) | 81 (2057)       | 27 (686)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.50 (1257) | 101 (2565) | 30 (762) | 42 (1067) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 5010S WPI   | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.50 (1257) | 104 (2642) | 30 (762) | 42 (1067) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 5809S WPI   | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.50 (1257) | 108 (2743) | 30 (762) | 42 (1067) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 5810MS WPI  | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.50 (1257) | 113 (2870) | 30 (762) | 42 (1067) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 5811MS WPI  | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 10 (254) | 49.50 (1257) | 117 (2972) | 30 (762) | 44 (1118) | 49.88 (1267) | 4  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |
| 6809S WPI   | 35 (889) | 118 (2997) | 33 (838) | 106 (2692)      | 26.50 (673)     | 10 (254) | 1.12 (28) | 6 (152) | 10 (254) | 49.50 (1257) | 120 (3048) | 32 (813) | 49 (1245) | 51.88 (1318) | 5  | 12 (305) | 15.25 (387) | 19.88 (505)     | 28.25 (718) | 21 (533) | 21 (533) |

\*Motor dimensions are approximate, vary by manufacturer and motor type.

Dimensions are subject to change. Not to be used for construction purposes unless certified.

Xylem Inc.  
 8200 N. Austin Avenue  
 Morton Grove, IL 60053  
 Phone: (847)966-3700  
 Fax: (847)965-8379  
 www.bellgossett.com

