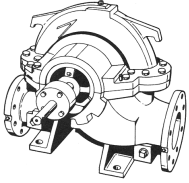


JOB: REPRESENTATIVE:

UNIT TAG: ORDER NO. DATE:
ENGINEER: SUBMITTED BY: DATE:
CONTRACTOR: APPROVED BY: DATE:



8x12x22M Frames: 5807S TEFC-6809S WPI Bell & Gossett Series HSCS Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

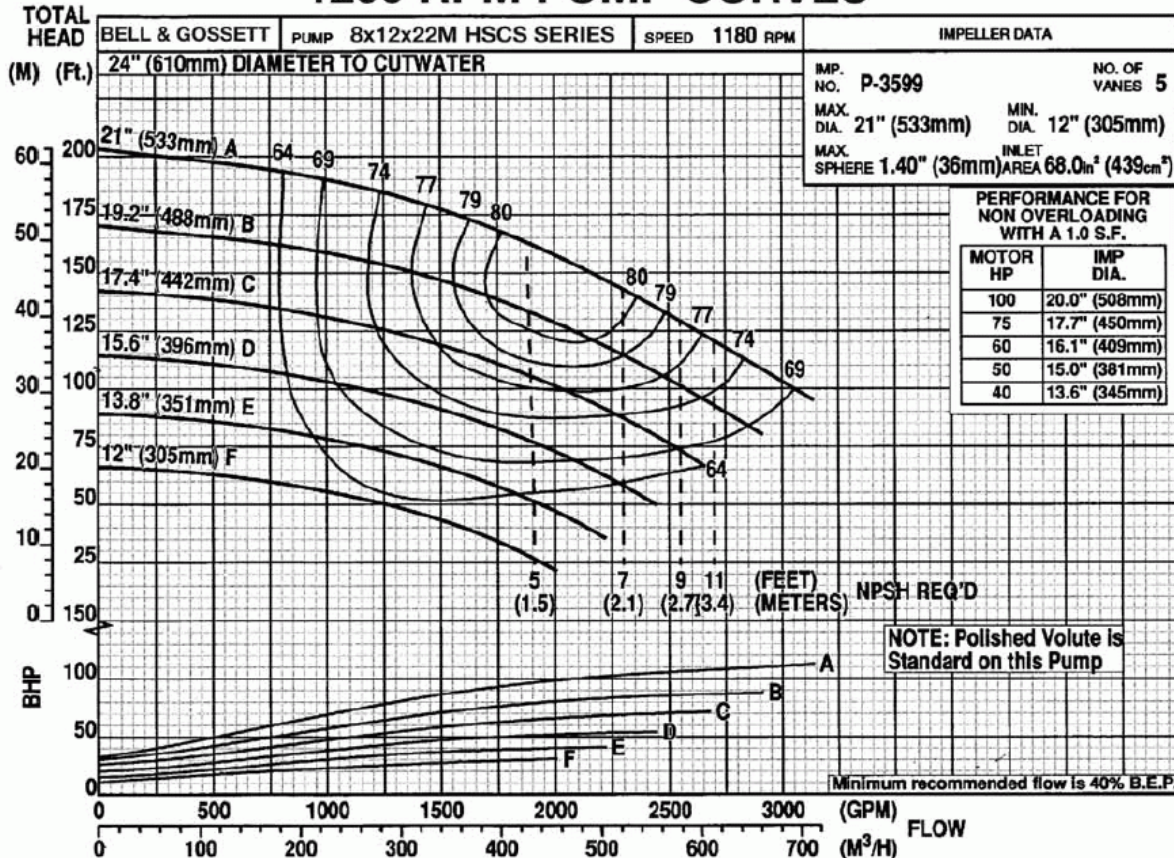
GPM _____ FT. _____ RPM
MOTOR _____
DATA: _____ HP _____ VOLTS
_____ ENCL. _____ HZ _____ PHASE
SPEC. CONSTR.: _____
APPROX. _____
WEIGHT _____ LBS.

- ☐ **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

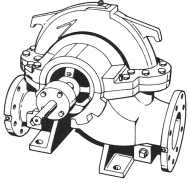
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ OSHA COUPLING GUARD
- ☒ ALL METAL GEAR TYPE COUPLING
- ☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

1200 RPM PUMP CURVES



JOB: REPRESENTATIVE:

UNIT TAG: ORDER NO. DATE:
ENGINEER: SUBMITTED BY: DATE:
CONTRACTOR: APPROVED BY: DATE:



8x12x22M Frames: 5807S TEFC-6809S WPI Bell & Gossett Series HSCS Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

_____ GPM _____ FT. _____ RPM
MOTOR _____ HP _____ VOLTS
DATA: _____ ENCL. _____ HZ _____ PHASE
SPEC. CONSTR.: _____
APPROX. _____
WEIGHT _____ LBS.

☐ **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).

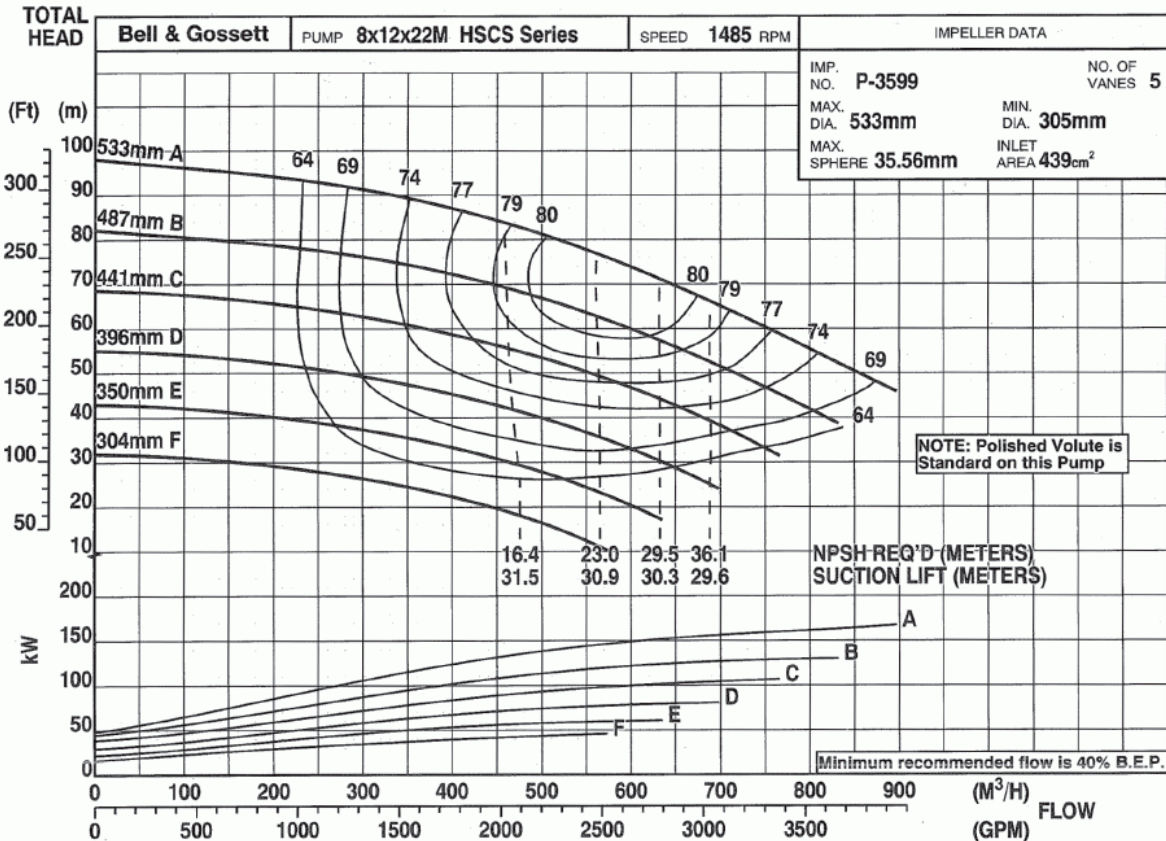
☐ **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).

☐ **OTHER:**

MATERIALS OF CONSTRUCTION

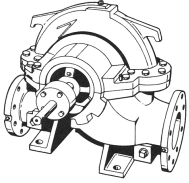
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ OSHA COUPLING GUARD
- ☒ ALL METAL GEAR TYPE COUPLING
- ☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

1500 RPM PUMP CURVES



JOB: REPRESENTATIVE:

UNIT TAG: ORDER NO. DATE:
ENGINEER: SUBMITTED BY: DATE:
CONTRACTOR: APPROVED BY: DATE:



8x12x22M Frames: 5807S TEFC-6809S WPI

Bell & Gossett Series HSCS 9100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

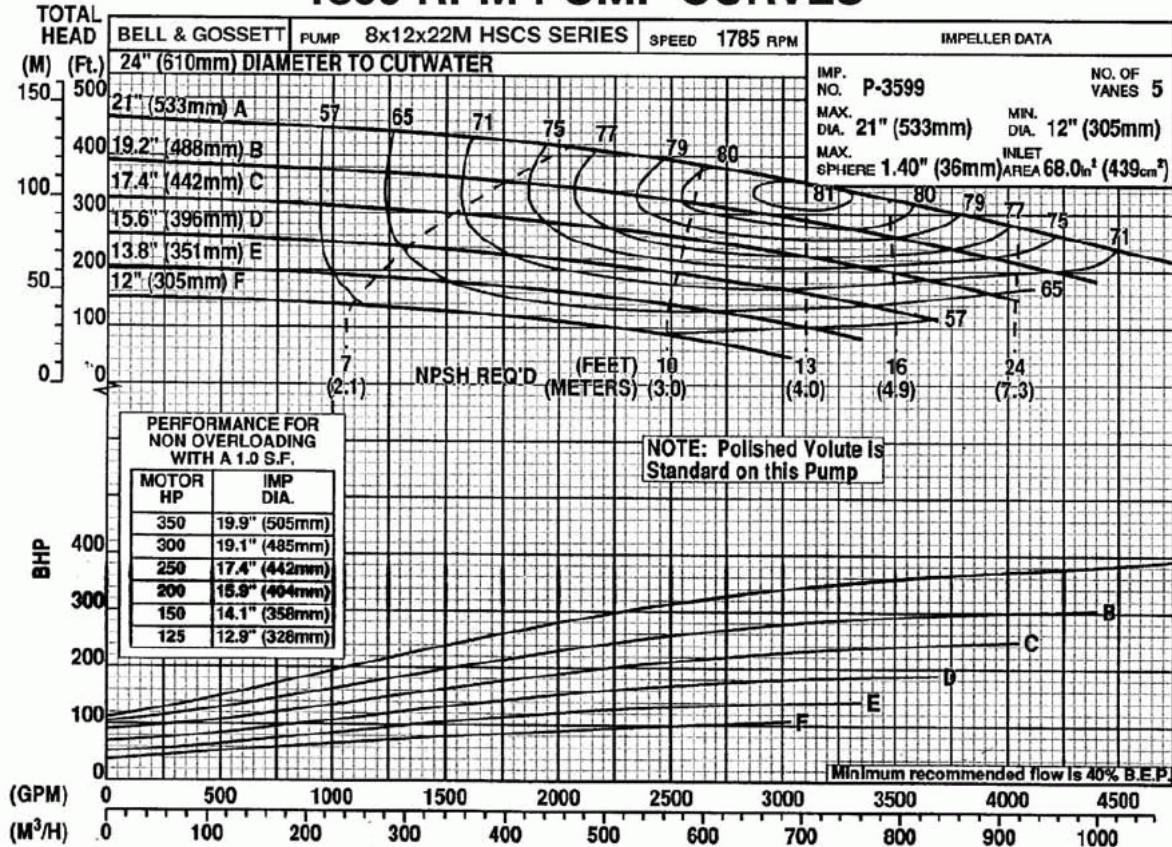
_____ GPM _____ FT. _____ RPM
MOTOR _____
DATA: _____ HP _____ VOLTS
_____ ENCL. _____ HZ _____ PHASE
SPEC. CONSTR.: _____
APPROX. _____
WEIGHT _____ LBS.

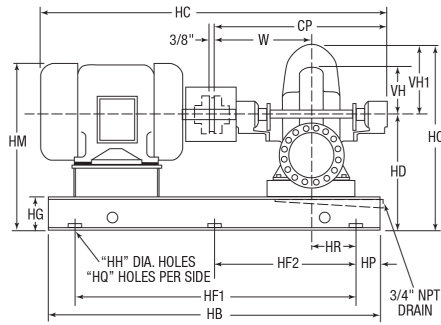
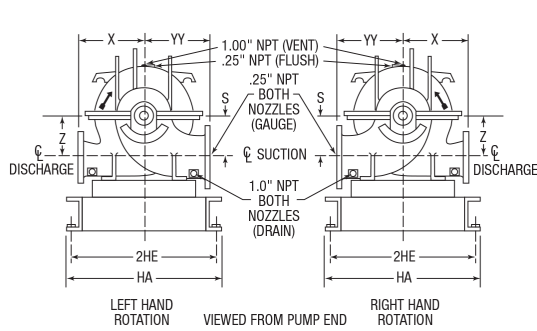
- ☐ **STANDARD:** 300 PSIG (21 Bar) working pressure, **125/**250# ANSI Flanges
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, ***250# ANSI Flanges
- ☐ **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).
- ☐ **OPTIONAL:**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





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 ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	VH ₁	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.