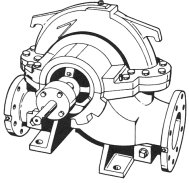


JOB: REPRESENTATIVE:

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



8x12x22M Frames: 404T-449TS

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).

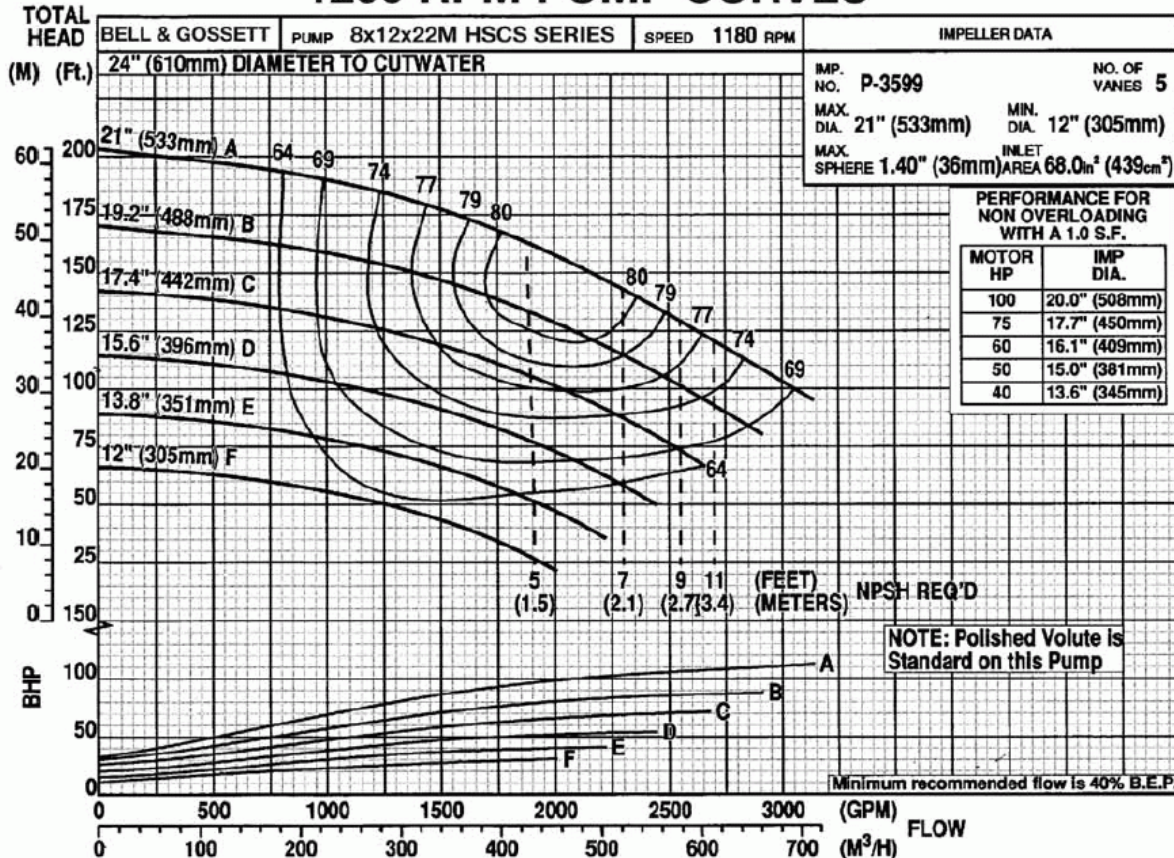
☐ OPTIONAL: Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).

☐ OTHER:

MATERIALS OF CONSTRUCTION

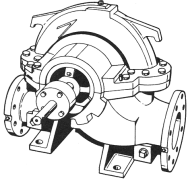
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ OSHA COUPLING GUARD
- ☒ ALL METAL GEAR TYPE COUPLING
- ☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

1200 RPM PUMP CURVES



JOB: REPRESENTATIVE:

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



8x12x22M Frames: 404T-449TS

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).

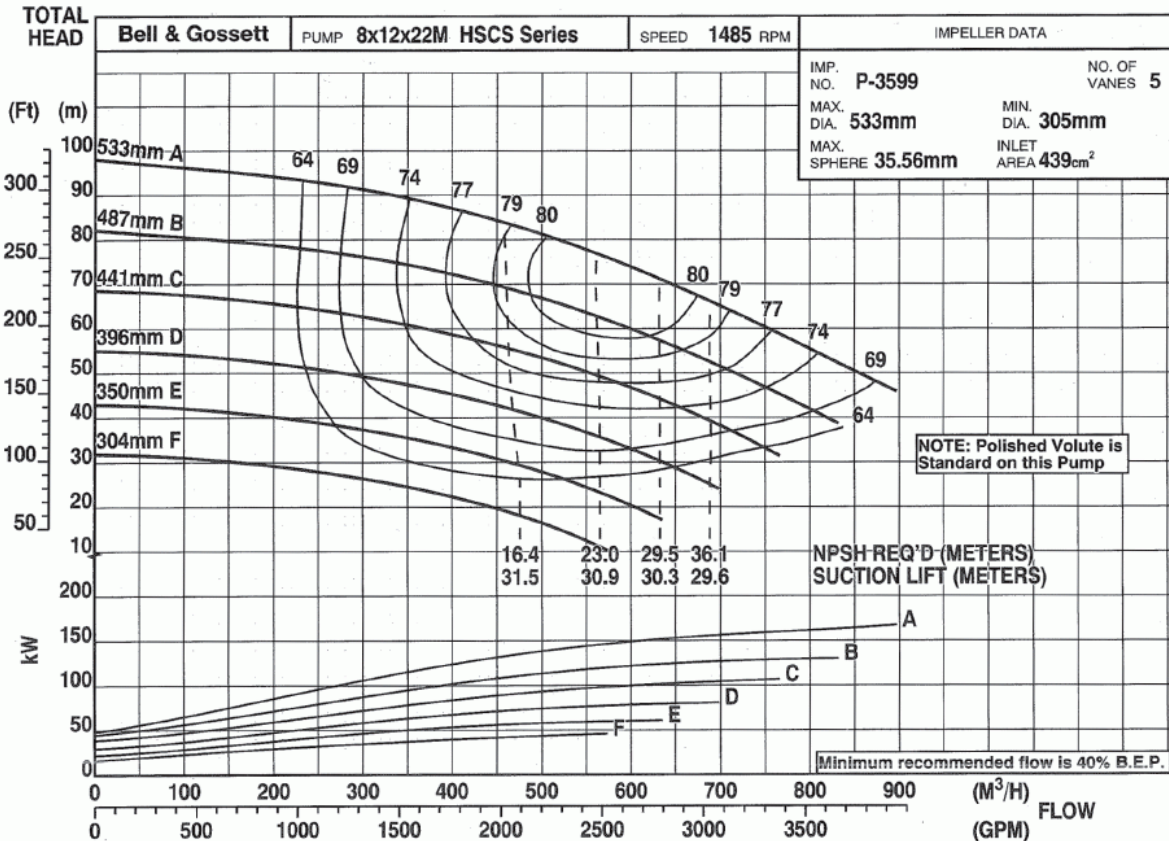
☐ **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).

☐ **OTHER:**

MATERIALS OF CONSTRUCTION

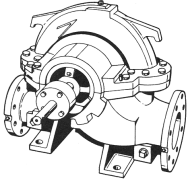
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ OSHA COUPLING GUARD
- ☒ ALL METAL GEAR TYPE COUPLING
- ☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

1500 RPM PUMP CURVES



JOB: _____ REPRESENTATIVE: _____

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



8x12x22M Frames: 404T-449TS

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).

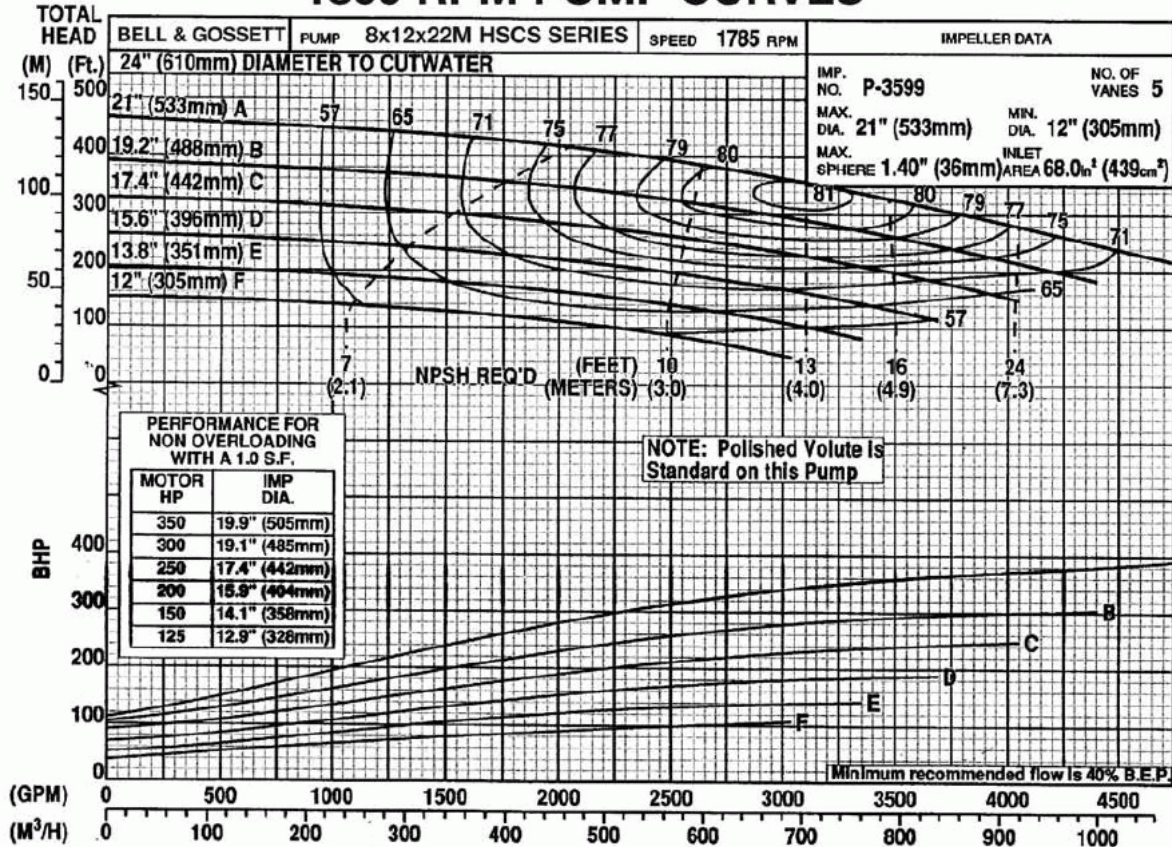
☐ **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).

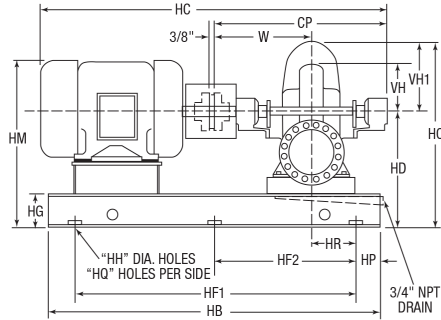
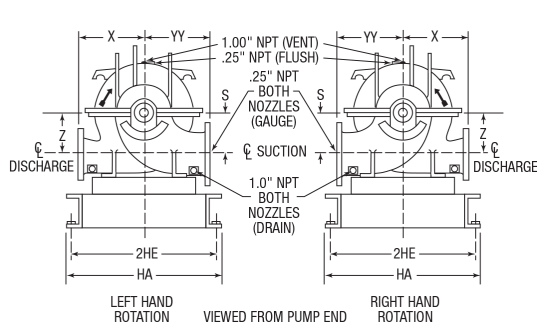
☐ **OTHER:** _____

MATERIALS OF CONSTRUCTION

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

1800 RPM PUMP CURVES





**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.

FLANGE DIMENSIONS IN INCHES (MM)	
Discharge	Suction
12	8

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
404T	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	86 (2184)	26 (660)	36 (914)	45.88 (1165)	3	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
404TS	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	85 (2159)	26 (660)	36 (914)	45.88 (1165)	3	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
405T	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	88 (2235)	26 (660)	36 (914)	45.88 (1165)	3	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
405TS	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	85 (2159)	26 (660)	36 (914)	45.88 (1165)	3	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
444T	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	94 (2388)	26 (660)	38 (965)	45.88 (1165)	3	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
444TS	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	90 (2286)	26 (660)	38 (965)	45.88 (1165)	3	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
445T	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	96 (2438)	26 (660)	38 (965)	45.88 (1165)	3	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
445TS	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	92 (2337)	26 (660)	38 (965)	45.88 (1165)	3	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
447T	27 (686)	90 (2286)	25.76 (654)	78 (1981)	26 (660)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	99 (2515)	26 (660)	38 (965)	45.88 (1165)	4	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
447TS	27 (686)	90 (2286)	25.76 (654)	78 (1981)	26 (660)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	95 (2413)	26 (660)	38 (965)	45.88 (1165)	4	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
449T	27 (686)	90 (2286)	25.76 (654)	78 (1981)	26 (660)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	104 (2642)	26 (660)	38 (965)	45.88 (1165)	4	12 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21 (533)	21 (533)
449TS	27 (686)	90 (2286)	25.76 (654)	78 (1981)	26 (660)	6 (152)	.75 (19)	6 (152)	10 (254)	49.5 (1257)	101 (2565)	26 (660)	38 (965)	45.88 (1165)	4	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.