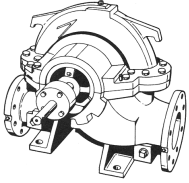


JOB: REPRESENTATIVE:

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



8x12x22L-Frames: 404T-449TS

Bell & Gossett Series HSCS

Base Mounted - Double Suction Centrifugal Pumps

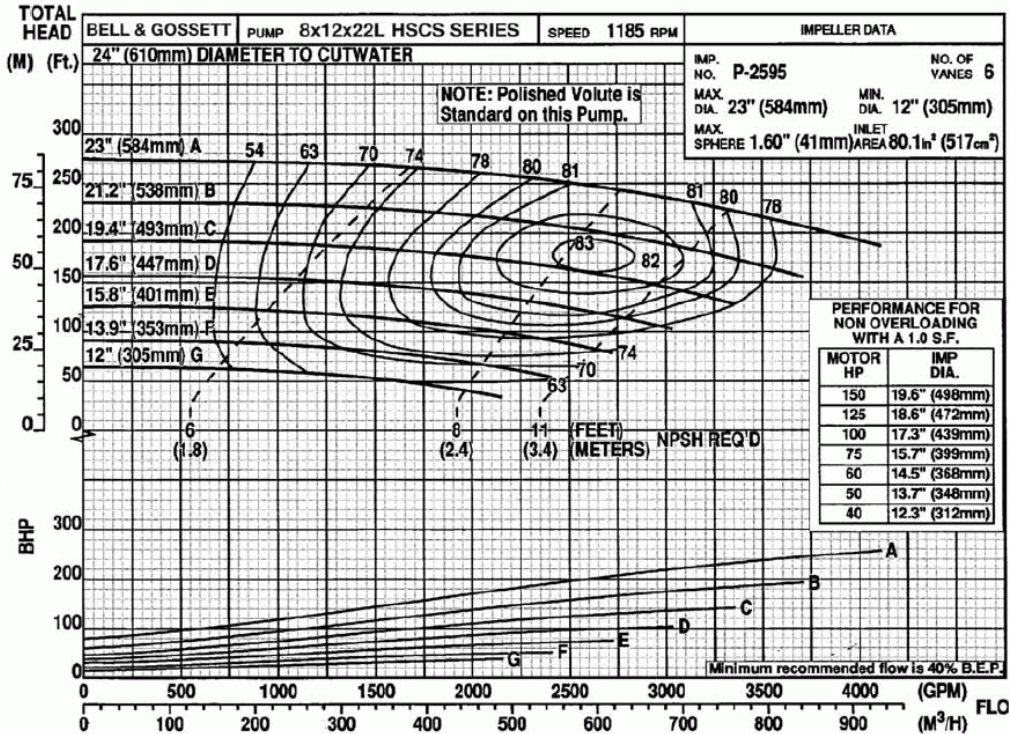
SPECIFICATIONS:

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:** _____

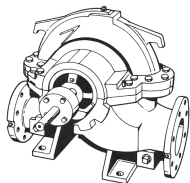
MATERIALS OF CONSTRUCTION

- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ ANSI/OSHA COUPLING GUARD
- ☒ FLEXIBLE COUPLING
- ☐ SPACER COUPLING (OPTIONAL)
- ☐ GALVANIZED DRIP PAN OPTIONAL



JOB: _____ **REPRESENTATIVE:** _____

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



8x12x22L-Frames: 404T-449TS

Bell & Gossett Series HSCS

Base Mounted - Double Suction Centrifugal Pumps

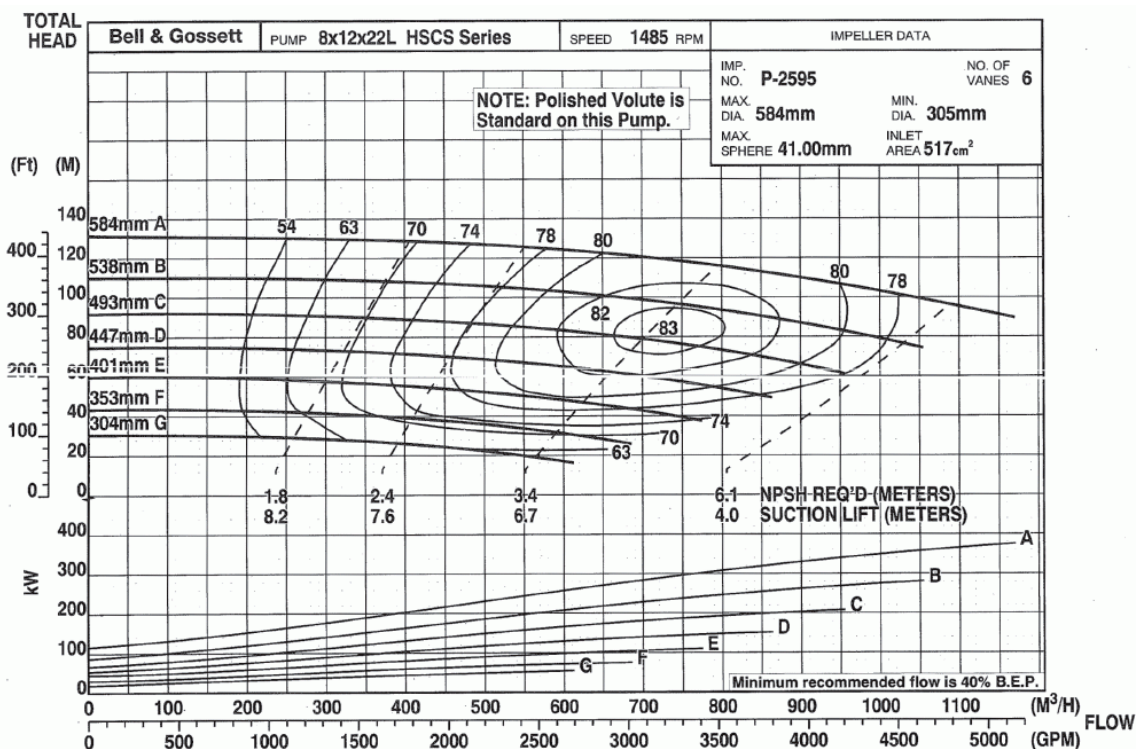
SPECIFICATIONS:

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:**

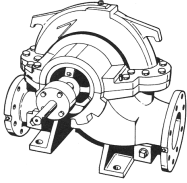
MATERIALS OF CONSTRUCTION

- ☒ CAST IRON BRONZE FITTED
☒ FABRICATED HEAVY DUTY
☒ ANSI/OSHA COUPLING GUARD
☒ FLEXIBLE COUPLING
☐ SPACER COUPLING (OPTIONAL)
☐ GALVANIZED DRIP PAN (OPTIONAL)



JOB: REPRESENTATIVE:

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



8x12x22L-Frames: 404T-449TS

Bell & Gossett Series HSCS

Base Mounted - Double Suction Centrifugal Pumps

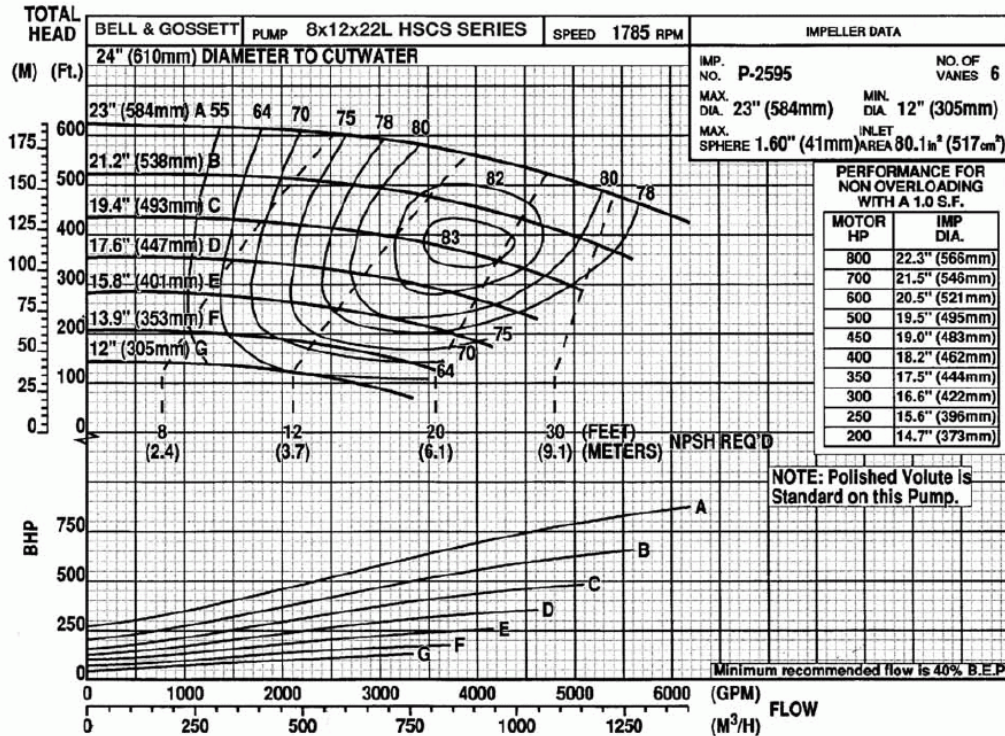
SPECIFICATIONS:

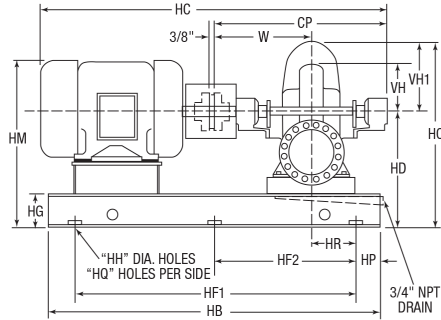
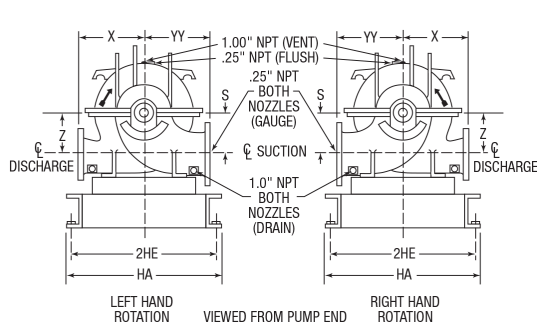
FLOW _____ HEAD _____
HP _____ RPM _____
VOLTS _____
CYCLE _____ PHASE _____
ENCLOSURE _____
APPROX. _____
WEIGHT _____
SPECIALS _____

- ☐ **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 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)	49.50 (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)	49.50 (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)	49.50 (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.