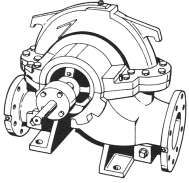


JOB: REPRESENTATIVE:

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



10X14X20S - Frames: 404T-449TS

Bell & Gossett Series HSCS

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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

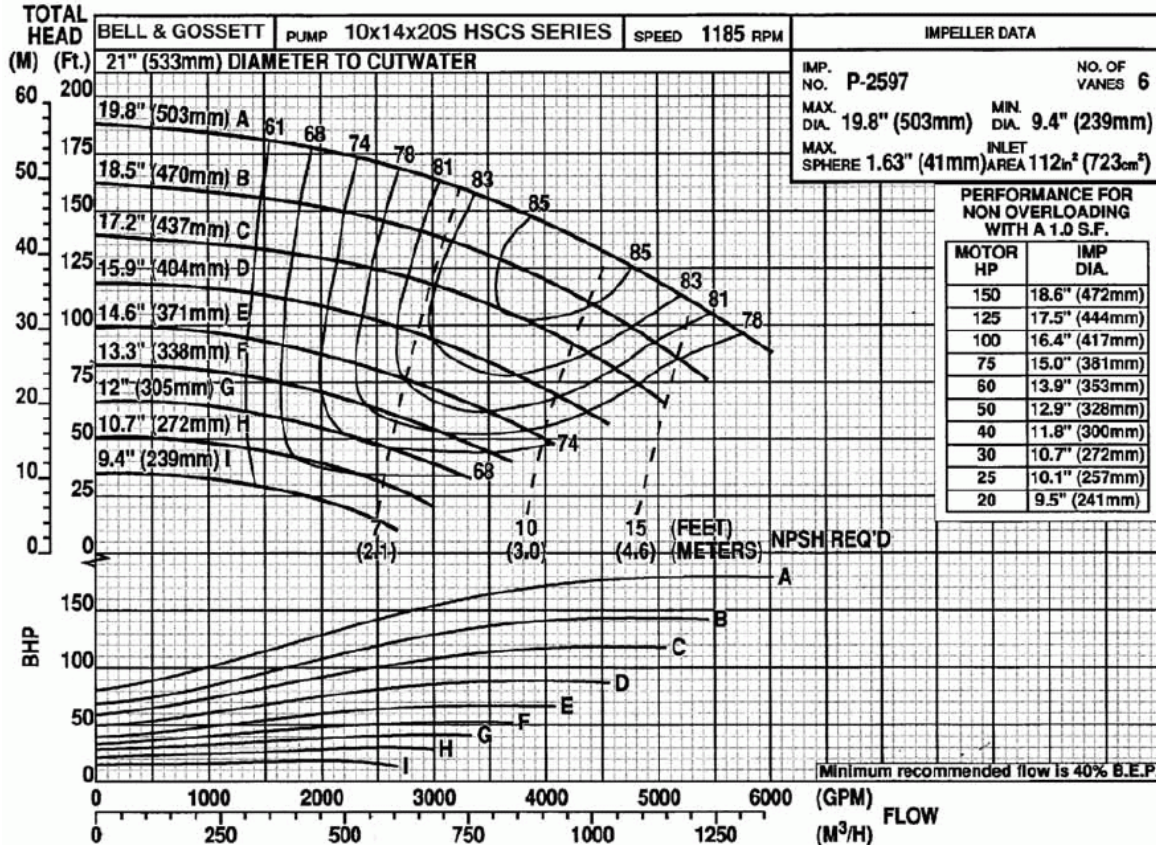
MATERIALS OF CONSTRUCTION

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

TYPE OF SEAL

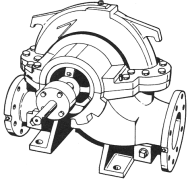
- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- ☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- ☐ **OPTIONAL:** Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- ☐ **OPTIONAL:** Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- ☐ **OTHER:**

1200 RPM PUMP CURVES



JOB: REPRESENTATIVE:

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



10x14x20S - 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.

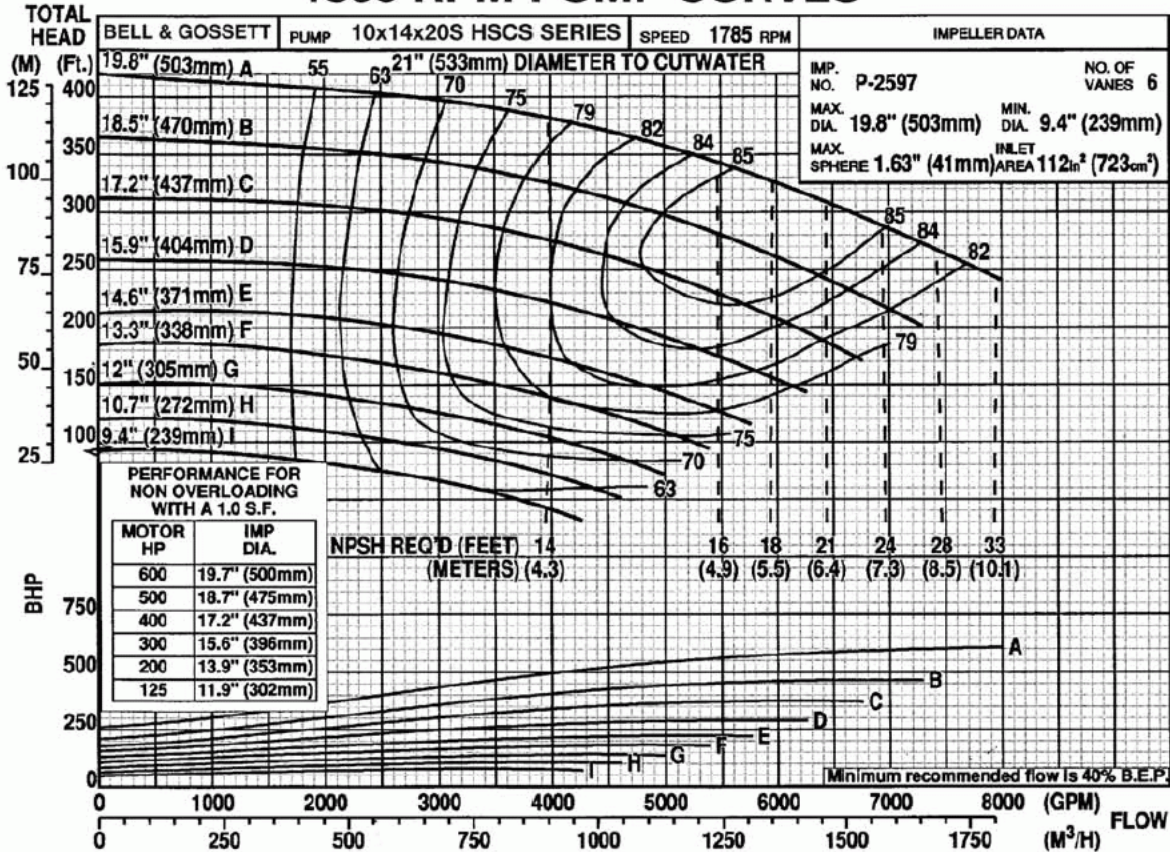
MATERIALS OF CONSTRUCTION

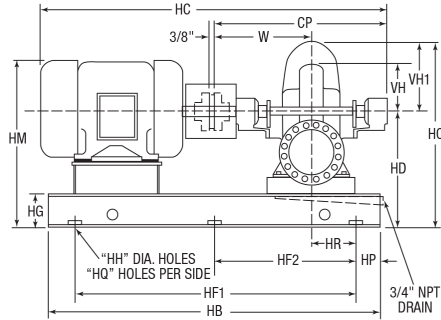
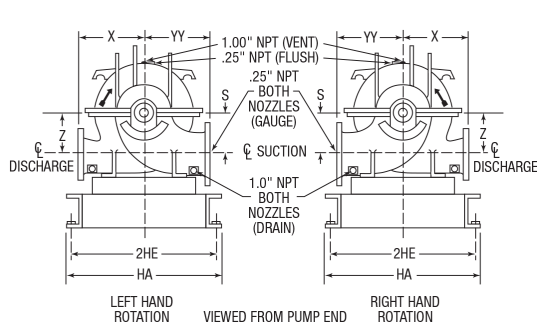
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ OSHA COUPLING GUARD
- ☒ ALL METAL GEAR TYPE COUPLING
- ☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- ☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C 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 °C to 104 °C).
- ☐ **OPTIONAL:** Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- ☐ **OTHER:**

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
14	10

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)	7.75 (197)	54.25 (1378)	91 (2311)	28 (711)	38 (965)	49.75 (1264)	3	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
404TS	27 (686)	82 (2083)	26.76 (680)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	90 (2286)	28 (711)	38 (965)	49.75 (1264)	3	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
405T	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	93 (2362)	28 (711)	38 (965)	49.75 (1264)	3	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
405TS	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	90 (2286)	28 (711)	38 (965)	49.75 (1264)	3	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
444T	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	98 (2489)	28 (711)	40 (1016)	49.75 (1264)	3	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
444TS	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	95 (2413)	28 (711)	40 (1016)	49.75 (1264)	3	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
445T	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	100 (2540)	28 (711)	40 (1016)	49.75 (1264)	3	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
445TS	27 (686)	82 (2083)	25.76 (654)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	97 (2464)	28 (711)	40 (1016)	49.75 (1264)	3	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
447T	27 (686)	90 (2286)	25.76 (654)	78 (1981)	26 (660)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	104 (2642)	28 (711)	40 (1016)	49.75 (1264)	4	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
447TS	27 (686)	90 (2286)	25.76 (654)	78 (1981)	26 (660)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	100 (2540)	28 (711)	40 (1016)	49.75 (1264)	4	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
449T	27 (686)	90 (2286)	25.76 (654)	78 (1981)	26 (660)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	109 (2769)	28 (711)	40 (1016)	49.75 (1264)	4	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	21 (533)
449TS	27 (686)	90 (2286)	25.76 (654)	78 (1981)	26 (660)	6 (152)	.75 (19)	6 (152)	7.75 (197)	54.25 (1378)	105 (2667)	28 (711)	40 (1016)	49.75 (1264)	4	13 (330)	14.75 (375)	21.75 (552)	30.5 (775)	19 (483)	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.