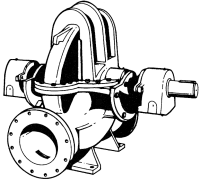


JOB: REPRESENTATIVE:

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



14x18x23 - Frames: 404T-449TS

Bell & Gossett Series HSCS

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

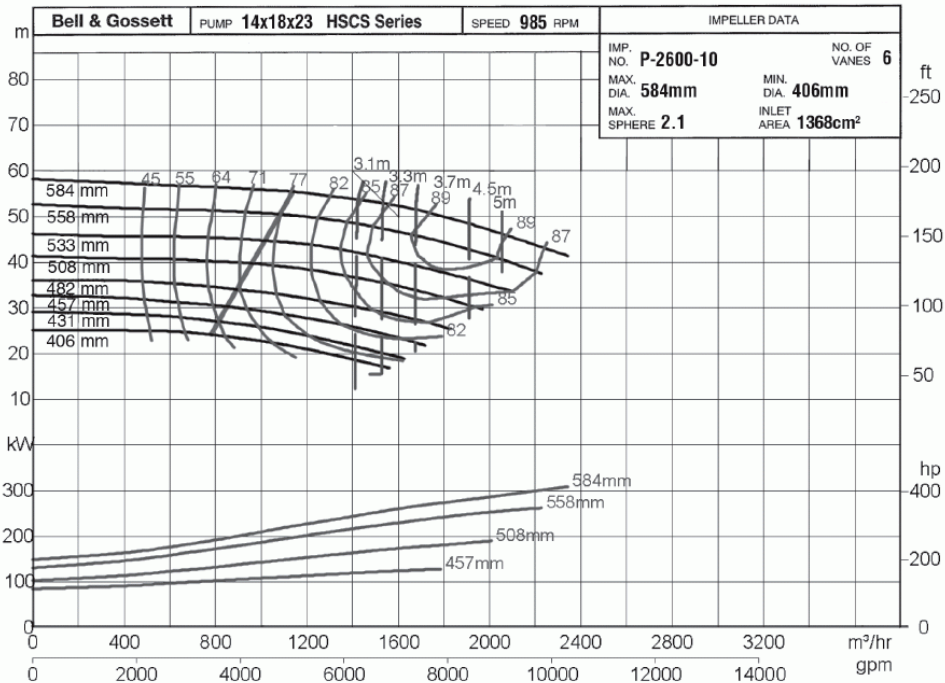
_____ GPM _____ FT. _____ RPM
MOTOR DATA: _____ HP _____ VOLTS
_____ ENCL. _____ HZ _____ PHASE
SPEC.CONSTR.: _____
APPROX. WEIGHT _____ LBS.

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:**



JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

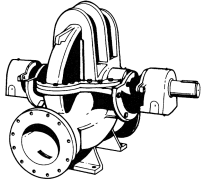
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



14x18x23 Series HSCS

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

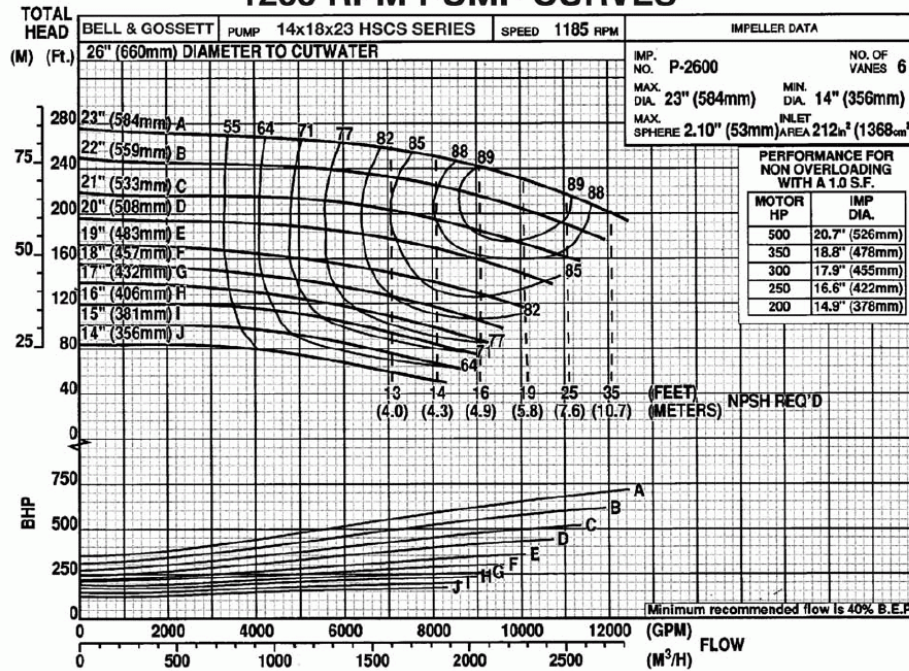
MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20Â° to 225Â°F (-29 Â°C to 107 Â°C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20Â° to 250Â°F (-29 Â°C to 121 Â°C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20Â° to 250Â°F (-29 Â°C to 121 Â°C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20Â° to 225Â°F (-29 Â°C to 107 Â°C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20Â° to 225Â°F (-29 Â°C to 107 Â°C).
- ☐ **OTHER:**

1200 RPM PUMP CURVES



JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

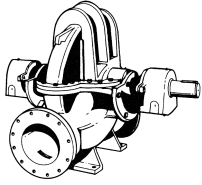
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



14X18X23 - 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.

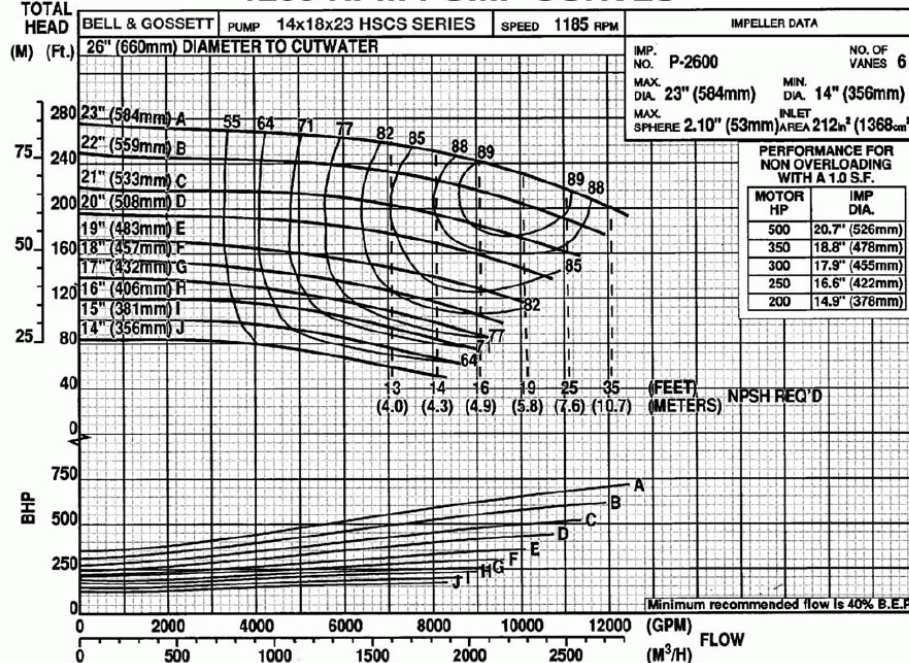
MATERIALS OF CONSTRUCTION

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

TYPE OF SEAL

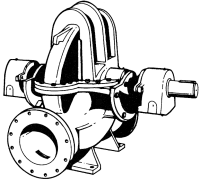
- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- ☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to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

1200 RPM PUMP CURVES



JOB: REPRESENTATIVE:

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



14x18x23 - Frames: 404T-449TS

Bell & Gossett Series HSCS

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

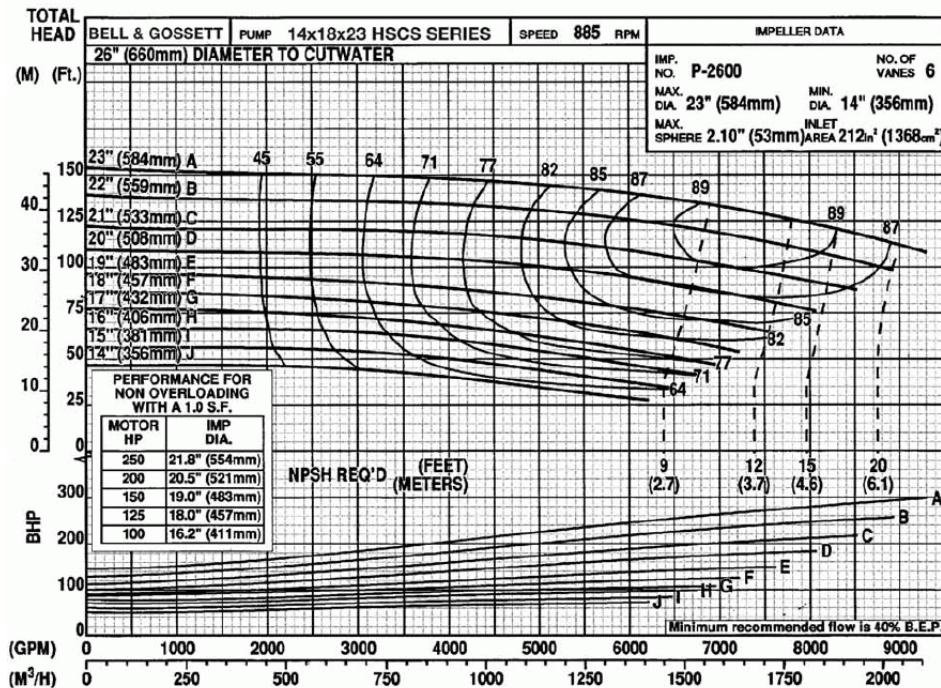
GPM FT. RPM
MOTOR DATA: HP VOLTS
ENCL. HZ PHASE
SPEC.CONSTR.:
APPROX. WEIGHT LBS.

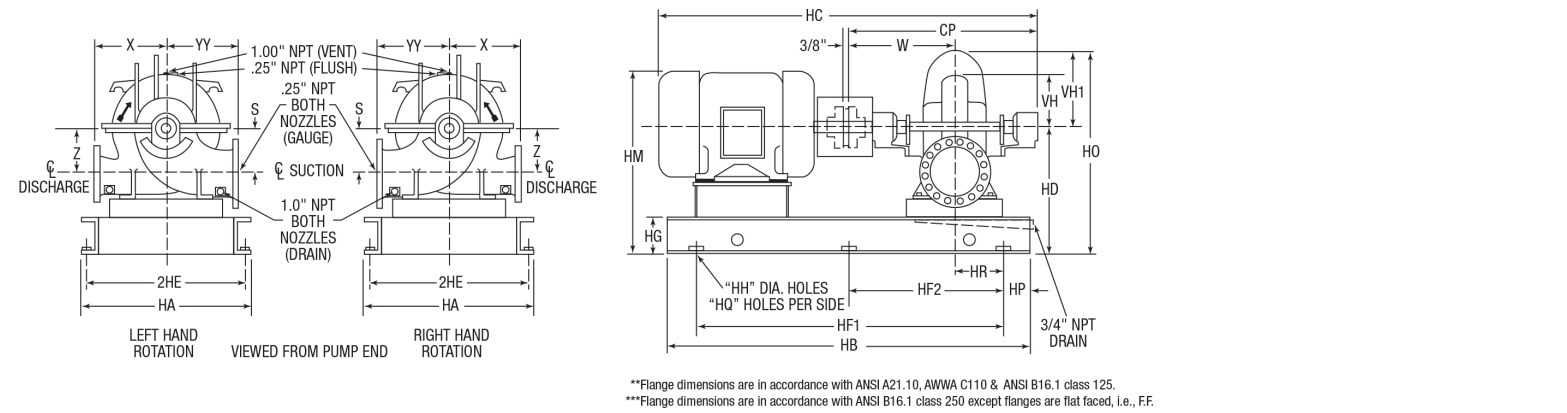
MATERIALS OF CONSTRUCTION

- ☒ 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:





FLANGE DIMENSIONS IN INCHES (MM)	
Discharge	Suction
14	18

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF1 ₁	HF2 ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	VH1 ₁	W	X	YY
404T	32 (813)	82 (2083)	30.76 (781)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	8 (203)	56.31 (1430)	93 (2362)	31 (787)	41.5 (1054)	54.62 (1387)	3	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
404TS	32 (813)	82 (2083)	30.76 (781)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	8 (203)	56.31 (1430)	92 (2337)	31 (787)	41.5 (1054)	54.62 (1387)	3	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
405T	32 (813)	82 (2083)	30.76 (781)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	8 (203)	56.31 (1430)	95 (2413)	31 (787)	41.5 (1054)	54.62 (1387)	3	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
405TS	32 (813)	82 (2083)	30.76 (781)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	8 (203)	56.31 (1430)	92 (2737)	31 (787)	41.5 (1054)	54.62 (1387)	3	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
444T	32 (813)	82 (2083)	30.76 (781)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	8 (203)	56.31 (1430)	101 (2565)	31 (787)	42.75 (1086)	54.62 (1387)	3	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
444TS	32 (813)	82 (2083)	30.76 (781)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	8 (203)	56.31 (1430)	97 (2464)	31 (787)	42.75 (1086)	54.62 (1387)	3	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
445T	32 (813)	82 (2083)	30.76 (781)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	8 (203)	56.31 (1430)	102 (2591)	31 (787)	42.75 (1086)	54.62 (1387)	3	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
445TS	32 (813)	82 (2083)	30.76 (781)	70 (1778)	35 (889)	6 (152)	.75 (19)	6 (152)	8 (203)	56.31 (1430)	99 (2515)	31 (787)	42.75 (1086)	54.62 (1387)	3	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
447T	32 (813)	93 (2362)	30 (762)	81 (2057)	27 (686)	8 (203)	.88 (22)	6 (152)	8 (203)	56.31 (1430)	106 (2692)	33 (838)	44.75 (1137)	54.62 (1387)	4	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
447TS	32 (813)	93 (2362)	30 (762)	81 (2057)	27 (686)	8 (203)	.88 (22)	6 (152)	8 (203)	56.31 (1430)	102 (2591)	33 (838)	44.75 (1137)	54.62 (1387)	4	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
449T	32 (813)	93 (2362)	30 (762)	81 (2057)	27 (686)	8 (203)	.88 (22)	6 (152)	8 (203)	56.31 (1430)	111 (2819)	33 (838)	44.75 (1137)	54.62 (1387)	4	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)
449TS	32 (813)	93 (2362)	30 (762)	81 (2057)	27 (686)	8 (203)	.88 (22)	6 (152)	8 (203)	56.31 (1430)	107 (2718)	33 (838)	44.75 (1137)	54.62 (1387)	4	14 (356)	18 (457)	23.62 (600)	31.56 (802)	27 (686)	27 (686)

Dimensions are subject to change. Not to be used for construction purposes unless certified.
*Motor Dimesions are approximate and vary by manufacturer and motor type.
Motors above 5,000 lbs. are shipped loose.
As a reference, @460 volts, verify weights of 2-pole 450HP, 4-pole 600HP, and 6-pole 500HP.