

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

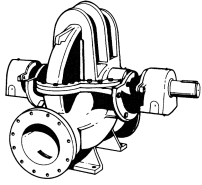
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



14x16x17 - Frames: 5807S TEFC-6809S WPI Series HSCS

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

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

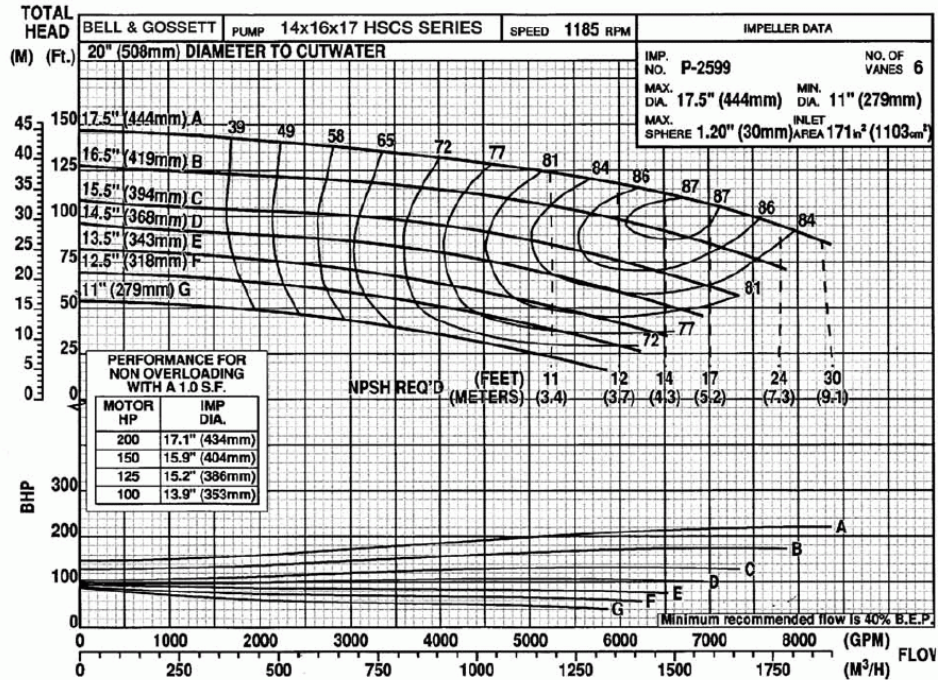
☐ STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).

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

☐ OTHER:

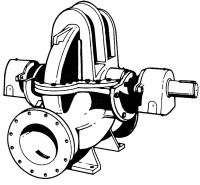
MATERIALS OF CONSTRUCTION

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



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14x16x17 - Frames: 5807S TEFC-6809S WPI Series HSCS Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

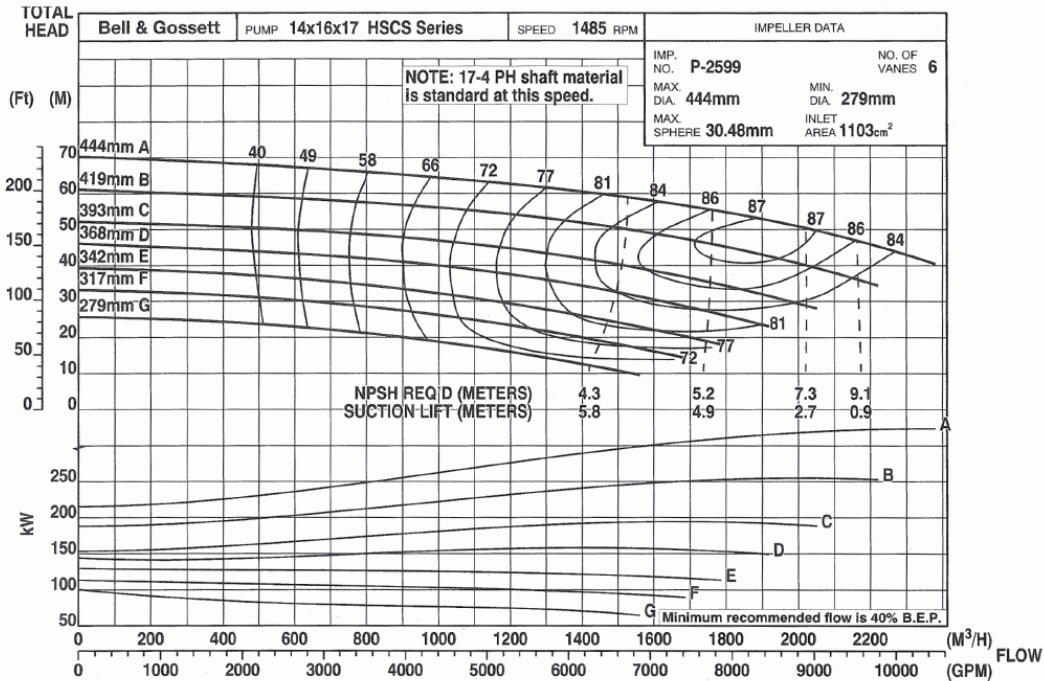
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HP _____ RPM _____
VOLTS _____
CYCLE _____ PHASE _____
ENCLOSURE _____
APPROX. WEIGHT _____
SPECIALS _____

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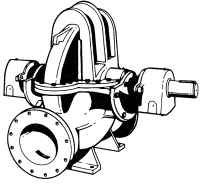
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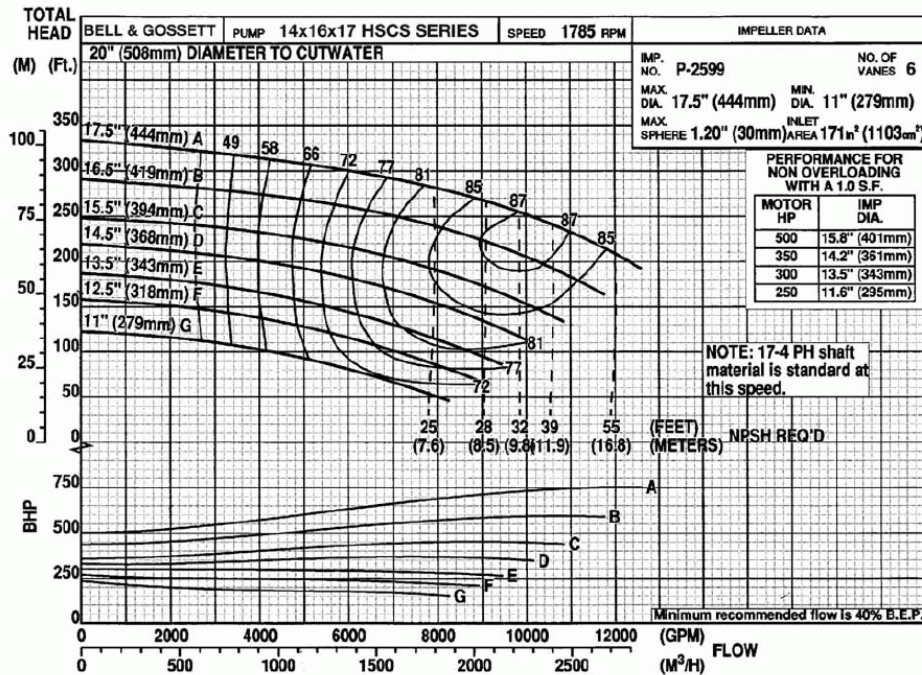
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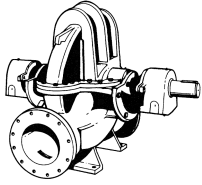
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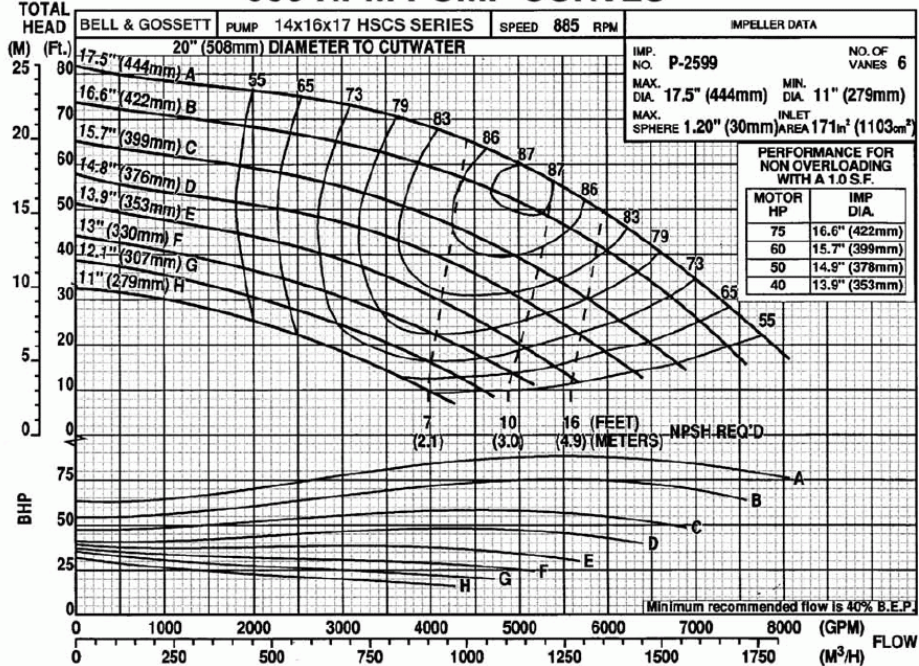
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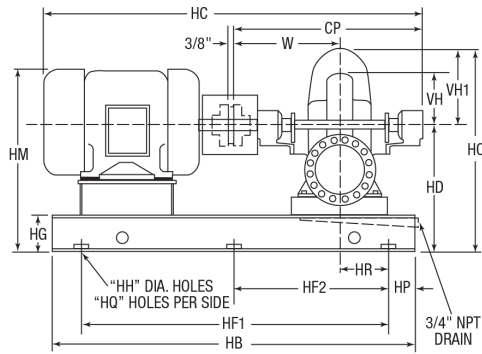
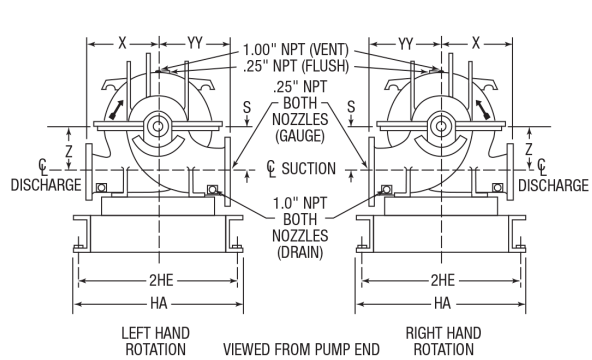
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900 RPM PUMP CURVES





**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	16

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	VH ₁	W	X	YY
5809S TEFC	32 (813)	108 (2743)	30 (762)	96 (2438)	32 (813)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	120 (3048)	34.5 (876)	50 (1270)	57.5 (1460)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)
5811S TEFC	32 (813)	108 (2743)	30 (762)	96 (2438)	32 (813)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	128 (3251)	34.5 (876)	48 (1219)	57.5 (1460)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)
5007S WPI	32 (813)	93 (2362)	30 (762)	81 (2057)	27 (686)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	100 (2540)	34.5 (876)	47 (1194)	57.5 (1460)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)
5009S WPI	32 (813)	93 (2362)	30 (762)	81 (2057)	27 (686)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	105 (2667)	34.5 (876)	47 (1194)	57.5 (1460)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)
5010S WPI	32 (813)	108 (2743)	30 (762)	96 (2438)	32 (813)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	109 (2769)	34.5 (876)	47 (1194)	57.5 (1460)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)
5807S WPI	32 (813)	93 (2362)	30 (762)	81 (2057)	27 (686)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	106 (2692)	34.5 (876)	47 (1194)	57.5 (1460)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)
5809S WPI	32 (813)	108 (2743)	30 (762)	96 (2438)	32 (813)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	113 (2870)	34.5 (876)	47 (1194)	57.5 (1460)	14 (356)	16.25 (413)	238 (6045)	30.5 (775)	18 (457)	24 (610)
5810MS WPI	32 (813)	108 (2743)	30 (762)	96 (2438)	32 (813)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	118 (2997)	34.5 (876)	47 (1194)	57.5 (1460)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)
6809S WPI	35 (889)	118 (2997)	33 (838)	106 (2692)	26.5 (673)	10 (254)	1.12 (28)	6 (152)	7.75 (197)	54.25 (1378)	125 (3175)	34.5 (876)	54 (1372)	59.5 (1511)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)
5807S TEFC	32 (813)	93 (2362)	30 (762)	81 (2057)	27 (686)	8 (203)	.88 (22)	6 (152)	7.75 (197)	54.25 (1378)	113 (2870)	34.5 (876)	50 (1270)	57.5 (1460)	14 (356)	16.25 (413)	23.00 (584)	30.5 (775)	18 (457)	24 (610)

Dimensions are subject to change. Not to be used for construction purposes unless certified.