

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

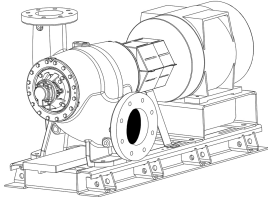
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSCS 4x6x10¹/₂B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

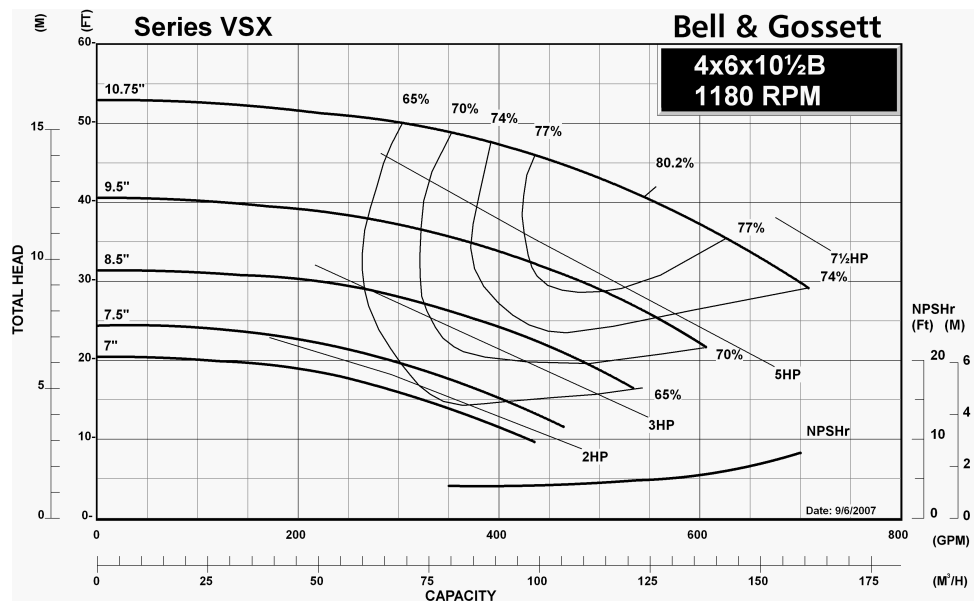
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ Galvanized Drip Pan
- ☐ Spacer Coupling

TYPE OF SEAL AND WORKING PRESSURE

- ☐ **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 175 PSIG (12 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)



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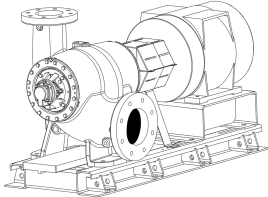
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Model VSCS 4x6x10¹/₂B Double Suction Split Case Pump



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SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

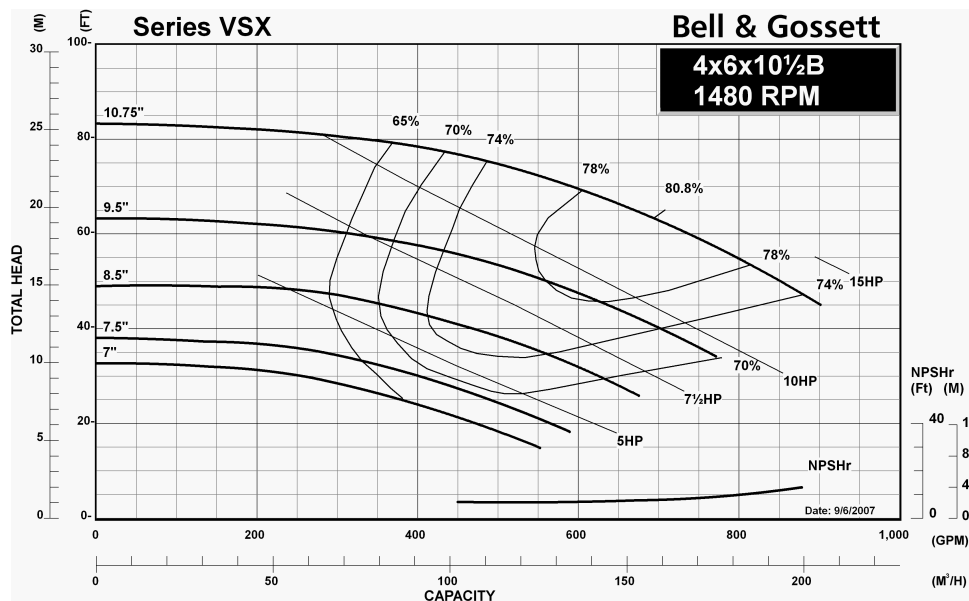
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ Galvanized Drip Pan
- ☐ Spacer Coupling

TYPE OF SEAL AND WORKING PRESSURE

- ☐ **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 175 PSIG (12 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)



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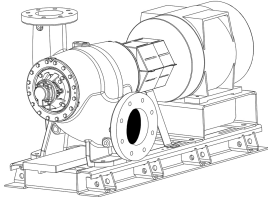
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Model VSCS 4x6x10¹/₂B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

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CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

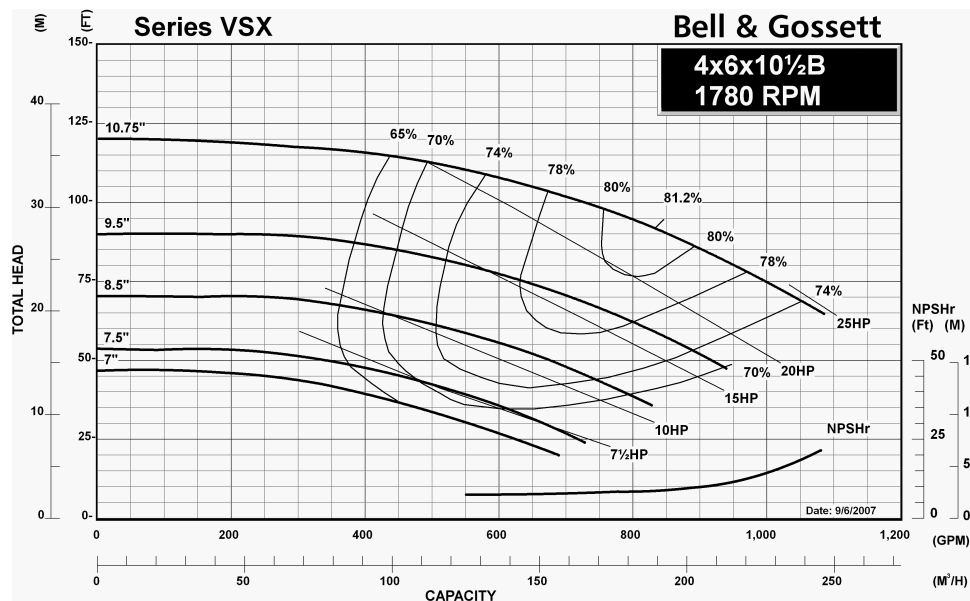
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
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- ☒ ISO 1940-1:2003 Impeller Balance

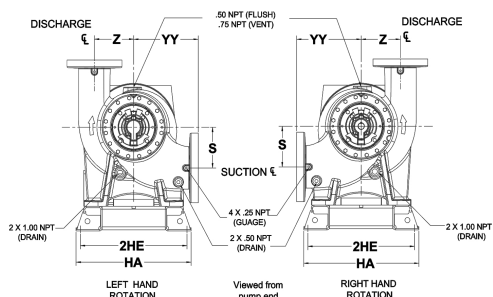
OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ Galvanized Drip Pan
- ☐ Spacer Coupling

TYPE OF SEAL AND WORKING PRESSURE

- ☐ **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 175 PSIG (12 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)

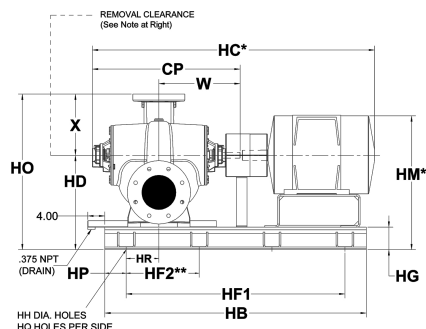




FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	4"	1.50 (38)	10 (254)
Suction	6"	1.69 (43)	12.13 (308)

FLANGES ARE 125# ANSI - STANDARD
250# ANSI - AVAILABLE

DIMENSIONS IN INCHES (MM)			
S	X	YY	Z
7.75 (197)	12 (305)	12 (305)	7.75 (197)



Removal clearance from end
of bracket: 19 Inches (483 mm)

STANDARD COUPLER

*Motor dimensions are approximate and vary by manufacturer and motor type.

**Distance to the next available hole.

MOTOR FRAME	DIMENSIONS - INCHES (mm) FOR STANDARD COUPLER															
	CP	HA	HB	HC*	HD	2HE	HF ₁	HF ₂ **	HG	HH	HM*	HO	HP	HQ	HR	W
184T	29.41 (747)	25 (635)	50 (1270)	47.38 (1203)	19.25 (489)	23.38 (594)	42 (1067)	14 (356)	5.25 (133)	0.88 (22)	25.1 (638)	31.25 (794)	4 (102)	4	7.63 (194)	16.40 (416)
213T	29.41 (747)	25 (635)	50 (1270)	50.86 (1292)	19.25 (489)	23.38 (594)	42 (1067)	14 (356)	5.25 (133)	0.88 (22)	24.97 (634)	31.25 (794)	4 (102)	4	7.63 (194)	16.40 (416)
215T	29.41 (747)	25 (635)	50 (1270)	50.86 (1292)	19.25 (489)	23.38 (594)	42 (1067)	14 (356)	5.25 (133)	0.88 (22)	27.22 (691)	31.25 (794)	4 (102)	4	7.63 (194)	16.40 (416)
254T	29.41 (747)	25 (635)	57 (1448)	53.43 (1357)	19.25 (489)	23.38 (594)	48 (1219)	16 (406)	5.25 (133)	0.88 (22)	27.07 (688)	31.25 (794)	4.50 (114)	4	7.13 (181)	16.40 (416)
256T	29.41 (747)	25 (635)	57 (1448)	55.18 (1401)	19.25 (489)	23.38 (594)	48 (1219)	16 (406)	5.25 (133)	0.88 (22)	27.07 (688)	31.25 (794)	4.50 (114)	4	7.13 (181)	16.40 (416)
284T/TS	29.41 (747)	25 (635)	57 (1448)	56.34 (1431)	19.25 (489)	23.38 (594)	48 (1219)	16 (406)	5.25 (133)	0.88 (22)	27.07 (688)	31.25 (794)	4.50 (114)	4	7.13 (181)	16.40 (416)
286T/TS	29.41 (747)	25 (635)	57 (1448)	57.83 (1469)	19.25 (489)	23.38 (594)	48 (1219)	16 (406)	5.25 (133)	0.88 (22)	27.07 (688)	31.25 (794)	4.50 (114)	4	7.13 (181)	16.40 (416)

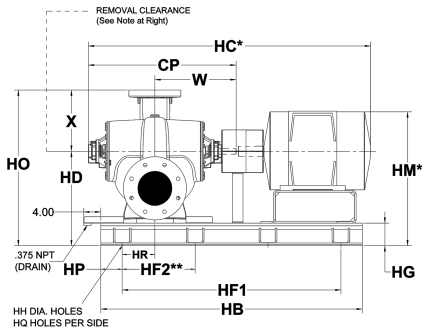
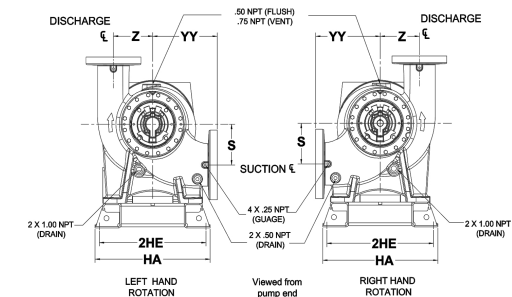
Dimensions are subject to change. Not to be used for construction purposes unless certified.

Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.

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Morton Grove, IL 60053
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www.bellgossett.com

xylem
Let's Solve Water

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FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	4"	1.50 (38)	10 (254)
Suction	6"	1.69 (43)	12.13 (308)

FLANGES ARE 125# ANSI - STANDARD
250# ANSI - AVAILABLE

DIMENSIONS IN INCHES (MM)			
S	X	YY	Z
7.75 (197)	12 (305)	12 (305)	7.75 (197)

Removal clearance from end
of bracket: 19 Inches (483 mm)

SPACER COUPLER

*Motor dimensions are approximate and vary by manufacturer and motor type.
**Distance to the next available hole.

MOTOR FRAME	DIMENSIONS - INCHES (mm) FOR SPACER COUPLER															
	CP	HA	HB	HC*	HD	2HE	HF ₁	HF ₂ **	HG	HH	HM*	HO	HP	HQ	HR	W
184T	29.41 (747)	25 (635)	67 (1702)	56.63 (1438)	19.25 (489)	23.38 (594)	57 (1448)	19 (483)	5.25 (133)	0.88 (22)	25.1 (638)	31.25 (794)	5 (127)	4	6.63 (168)	16.40 (416)
213T	29.41 (747)	25 (635)	67 (1702)	60.11 (1527)	19.25 (489)	23.38 (594)	57 (1448)	19 (483)	5.25 (133)	0.88 (22)	24.97 (634)	31.25 (794)	5 (127)	4	6.63 (168)	16.40 (416)
215T	29.41 (747)	25 (635)	67 (1702)	60.11 (1527)	19.25 (489)	23.38 (594)	57 (1448)	19 (483)	5.25 (133)	0.88 (22)	27.22 (691)	31.25 (794)	5 (127)	4	6.63 (168)	16.40 (416)
254T	29.41 (747)	25 (635)	67 (1702)	62.68 (1592)	19.25 (489)	23.38 (594)	57 (1448)	19 (483)	5.25 (133)	0.88 (22)	27.07 (688)	31.25 (794)	5 (127)	4	6.63 (168)	16.40 (416)
256T	29.41 (747)	25 (635)	67 (1702)	64.43 (1636)	19.25 (489)	23.38 (594)	57 (1448)	19 (483)	5.25 (133)	0.88 (22)	27.07 (688)	31.25 (794)	5 (127)	4	6.63 (168)	16.40 (416)
284T/TS	29.41 (747)	25 (635)	67 (1702)	65.59 (1666)	19.25 (489)	23.38 (594)	57 (1448)	19 (483)	5.25 (133)	0.88 (22)	27.07 (688)	31.25 (794)	5 (127)	4	6.63 (168)	16.40 (416)
286T/TS	29.41 (747)	25 (635)	67 (1702)	67.08 (1704)	19.25 (489)	23.38 (594)	57 (1448)	19 (483)	5.25 (133)	0.88 (22)	27.07 (688)	31.25 (794)	5 (127)	4	6.63 (168)	16.40 (416)

Dimensions are subject to change. Not to be used for construction purposes unless certified.
Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.
These dimensions are valid when using the Woods Duraflex spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.

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