

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

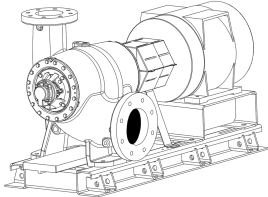
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSCS 4x6x17¹/₂A Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

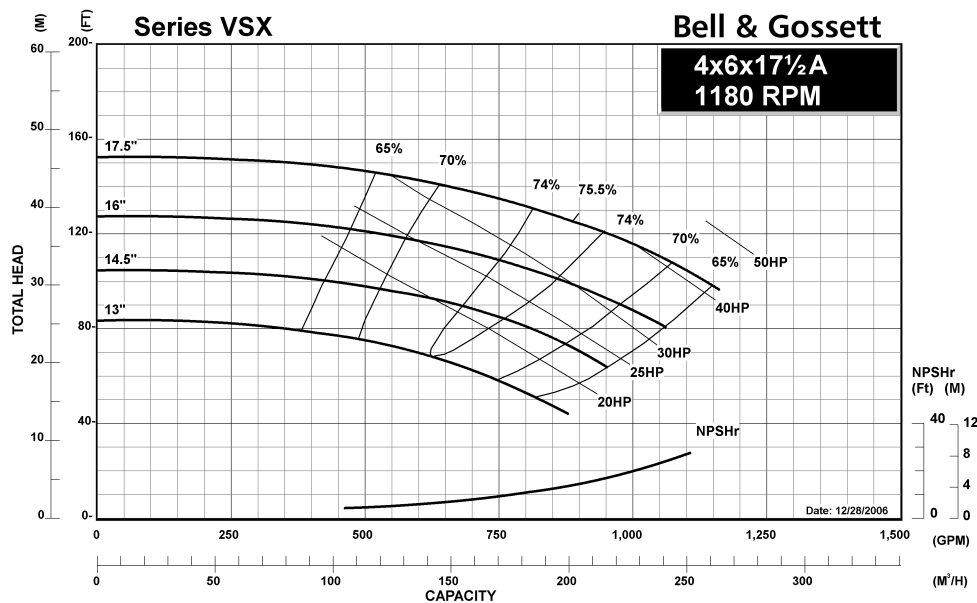
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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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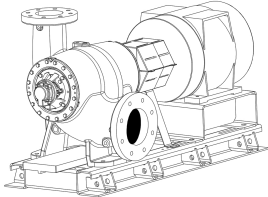
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Model VSCS 4x6x17¹/₂A Double Suction Split Case Pump



SPECIFICATIONS

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HP _____ RPM _____

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CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

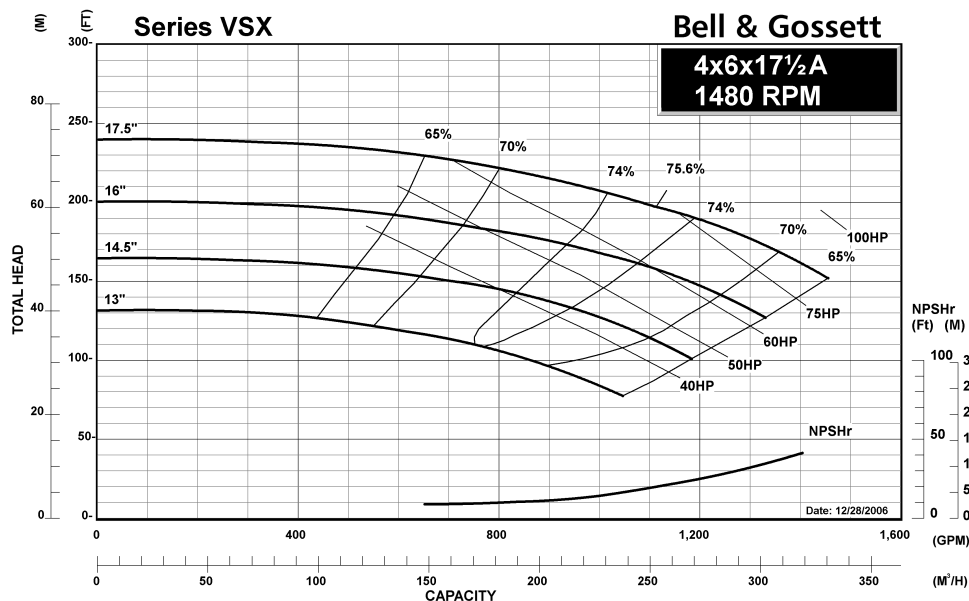
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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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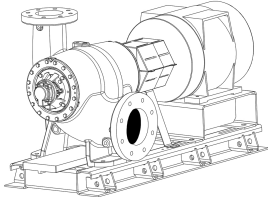
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Model VSCS 4x6x17¹/₂A Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

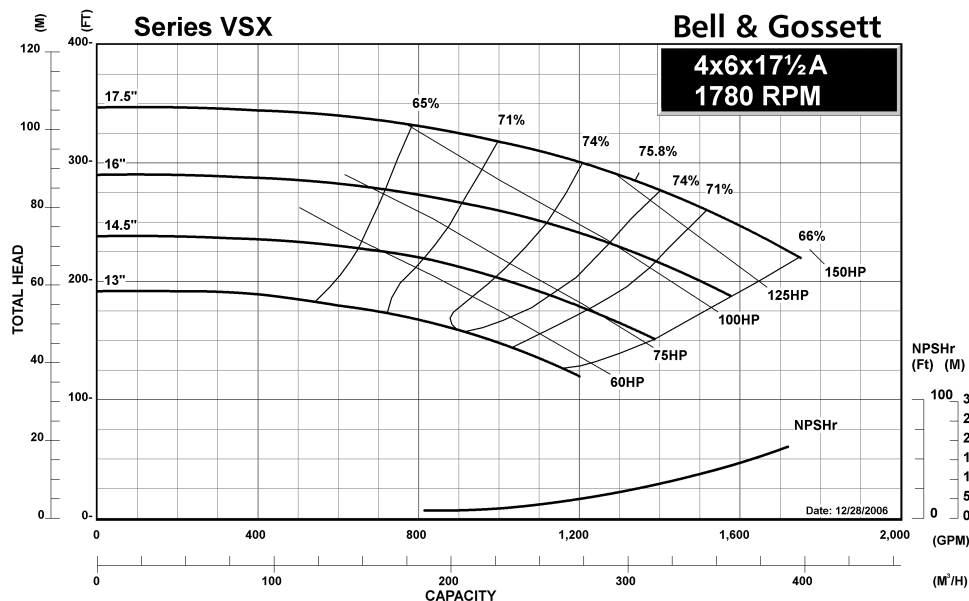
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
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- ☒ ISO 1940-1:2003 Impeller Balance

OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ Galvanized Drip Pan
- ☐ Spacer Coupling

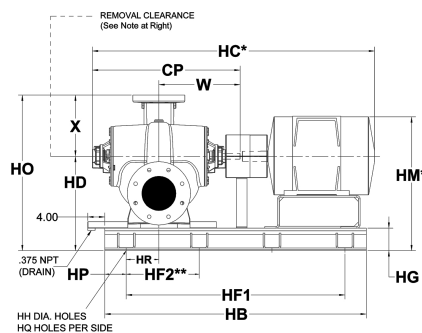
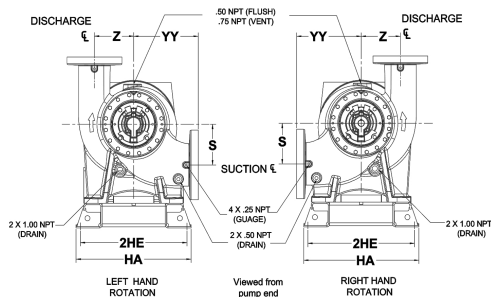
TYPE OF SEAL AND WORKING PRESSURE

- ☐ **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)



Model VSCS 4x6x17½A Centrifugal Pump Submittal

B-865.22D



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

**Distance to the next available hole.

FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	4"	1.50 (38)	10 (254)
Suction	6"	1.63 (41)	12.13 (308)

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

DIMENSIONS IN INCHES (MM)			
S	X	YY	Z
9.75 (248)	18 (457)	18 (457)	9.75 (248)

Removal clearance from end
of bracket: 23 Inches (584 mm)

STANDARD COUPLER

MOTOR FRAME	DIMENSIONS - INCHES (mm) FOR PUMPS WITH STANDARD COUPLERS															
	CP	HA	HB	HC* MAX.	HD	2HE	HF ₁	HF ₂ **	HG	HH	HM* MAX.	HO	HP	HQ	HR	W
254T	29.42 (747)	25.4 (645)	61 (1549)	53.44 (1357)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	4	7.63 (194)	16.40 (417)
256T	29.42 (747)	25.4 (645)	61 (1549)	55.19 (1402)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	4	7.63 (194)	16.40 (417)
284T/TS	29.42 (747)	25.4 (645)	61 (1549)	56.363 (1431)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	4	7.63 (194)	16.40 (417)
286T/TS	29.42 (747)	25.4 (645)	61 (1549)	57.849 (1469)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	4	7.63 (194)	16.40 (417)
324T/TS	29.42 (747)	25.4 (645)	61 (1549)	60.67 (1541)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.82 (808)	41.25 (1048)	5 (127)	4	7.63 (194)	16.40 (417)
326T/TS	29.42 (747)	25.4 (645)	61 (1549)	61.79 (1569)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	32.35 (822)	41.25 (1048)	5 (127)	4	7.63 (194)	16.40 (417)
364T/TS	29.42 (747)	25.4 (645)	61 (1549)	63.629 (1616)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	33.2 (843)	41.25 (1048)	5 (127)	4	7.63 (194)	16.40 (417)
365T/TS	29.42 (747)	25.4 (645)	61 (1549)	63.629 (1616)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	33.2 (843)	41.25 (1048)	5 (127)	4	7.63 (194)	16.40 (417)
404T/TS	29.42 (747)	25.4 (645)	70 (1778)	66.73 (1695)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	33.72 (856)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
405T/TS	29.42 (747)	25.4 (645)	70 (1778)	68.73 (1746)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	33.72 (856)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
444T/TS	29.42 (747)	25.4 (645)	70 (1778)	74.196 (1885)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	38.77 (985)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
445T/TS	29.42 (747)	25.4 (645)	70 (1778)	75.8 (1925)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	38.77 (985)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)

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

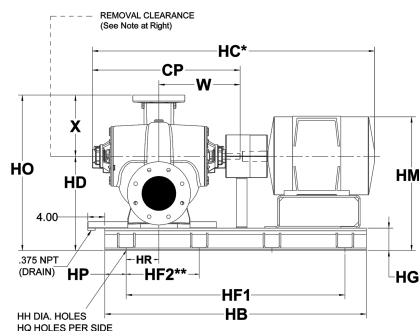
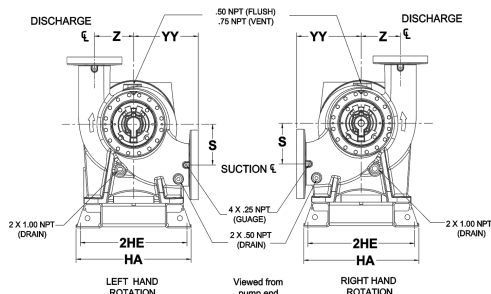
Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
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www.bellgossett.com

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Let's Solve Water

Model VSCS 4x6x17½A Centrifugal Pump Submittal

B-865.22D



FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	4"	1.50 (38)	10 (254)
Suction	6"	1.63 (41)	12.13 (308)

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

DIMENSIONS IN INCHES (MM)			
S	X	YY	Z
9.75 (248)	18 (457)	18 (457)	9.75 (248)

Removal clearance from end
of bracket: 23 Inches (584 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 PUMPS WITH SPACER COUPLER															
	CP	HA	HB	HC* MAX.	HD	2HE	HF ₁	HF ₂ **	HG	HH	HM* MAX.	HO	HP	HQ	HR	W
254T	29.42 (747)	25.4 (645)	70 (1778)	62.69 (1592)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
256T	29.42 (747)	25.4 (645)	70 (1778)	64.44 (1637)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
284T/TS	29.42 (747)	25.4 (645)	70 (1778)	65.603 (1666)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
286T/TS	29.42 (747)	25.4 (645)	70 (1778)	67.099 (1704)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
324T/TS	29.42 (747)	25.4 (645)	70 (1778)	69.92 (1776)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.82 (808)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
326T/TS	29.42 (747)	25.4 (645)	70 (1778)	71.04 (1804)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	32.35 (822)	41.25 (1048)	5 (127)	5	7.62 (194)	16.40 (417)
364T/TS	29.42 (747)	25.4 (645)	80 (2032)	72.879 (1851)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	33.2 (843)	41.25 (1048)	4 (102)	5	8.63 (219)	16.40 (417)
365T/TS	29.42 (747)	25.4 (645)	80 (2032)	72.879 (1851)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	33.2 (843)	41.25 (1048)	4 (102)	5	8.63 (219)	16.40 (417)
404T/TS	29.42 (747)	25.4 (645)	80 (2032)	75.48 (1917)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	33.72 (856)	41.25 (1048)	4 (102)	5	8.63 (219)	16.40 (417)
405T/TS	29.42 (747)	25.4 (645)	80 (2032)	77.48 (1968)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	33.72 (856)	41.25 (1048)	4 (102)	5	8.63 (219)	16.40 (417)
444T/TS	29.42 (747)	25.4 (645)	80 (2032)	82.946 (2107)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	38.77 (985)	41.25 (1048)	4 (102)	5	8.63 (219)	16.40 (417)
445T/TS	29.42 (747)	25.4 (645)	80 (2032)	84.55 (2148)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	38.77 (985)	41.25 (1048)	4 (102)	5	8.63 (219)	16.40 (417)

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 Faulk SteelFlex coupling options, consult factory for a special submittal drawing.

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