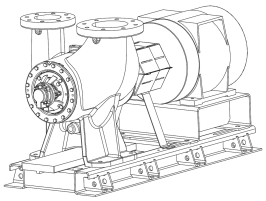
Bell & Gossett
a xylem brand

SUBMITTAL

B-855.4B

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



Model VSC 8x10x10½B

Double Suction Split Case Pump

VSX™ REVOLUTION-X

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

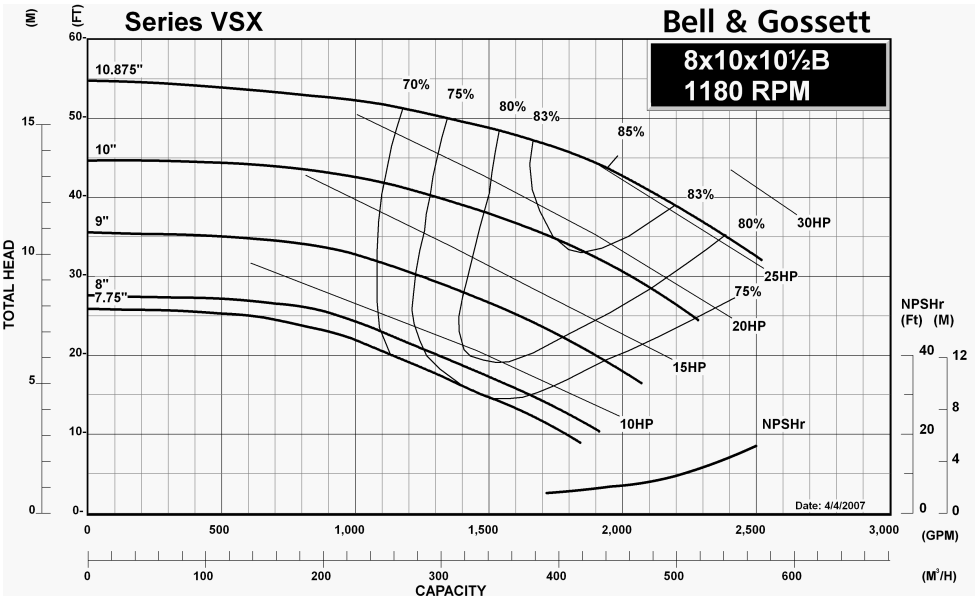
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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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SUBMITTAL

B-855.4B

JOB:	**REPRESENTATIVE:**	
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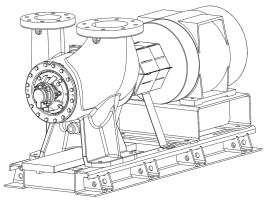

Model VSC 8x10x10½B

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VSX™ REVOLUTION-X

SPECIFICATIONS

FLOW _____ HEAD _____

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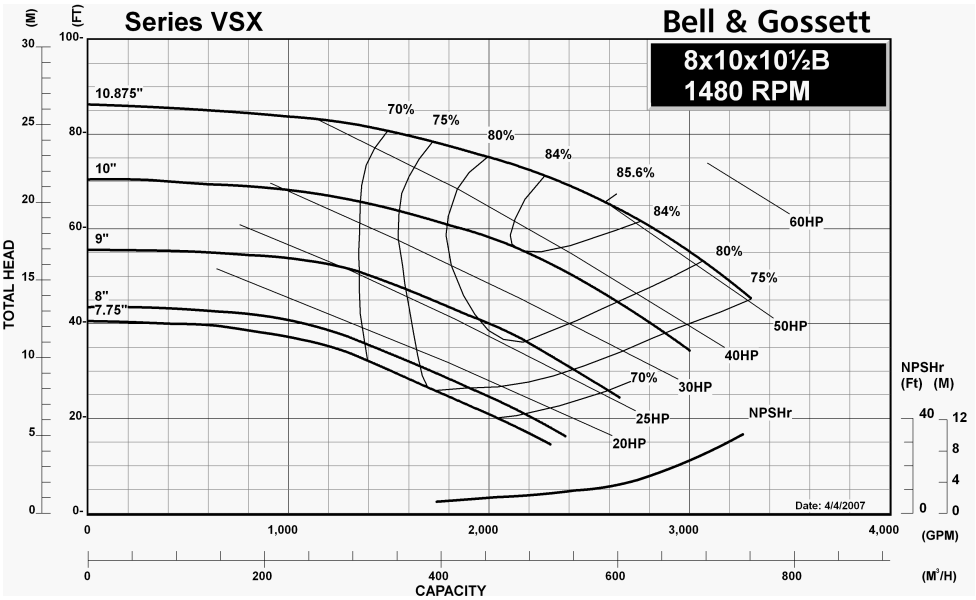
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges,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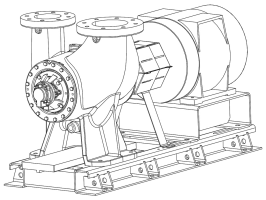

Model VSC 8x10x10½B

Double Suction Split Case Pump

VSX™ REVOLUTION-X

SPECIFICATIONS

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SPECIALS _____

_____

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- ☒ 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

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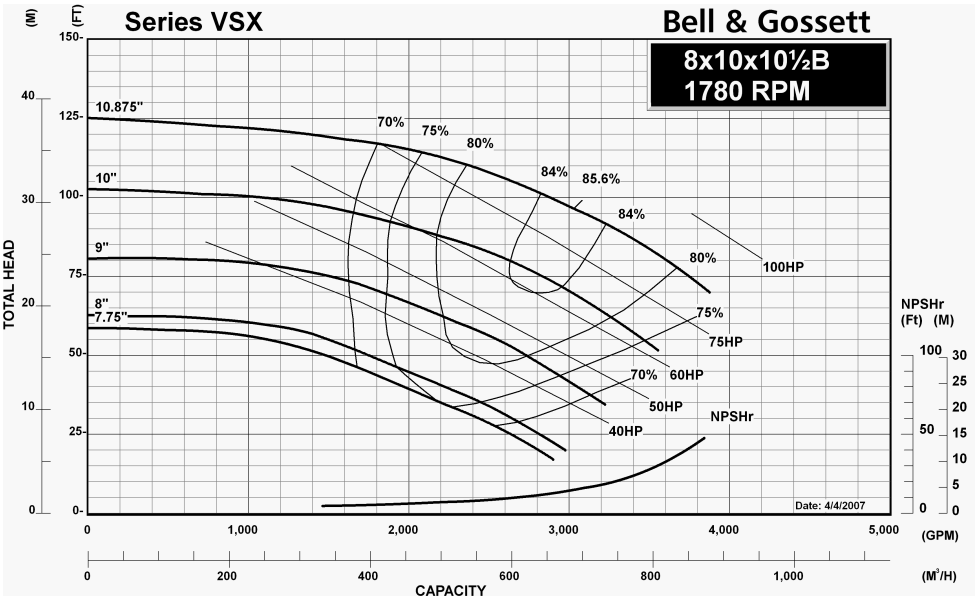
TYPE OF SEAL AND WORKING PRESSURE

- ☐ **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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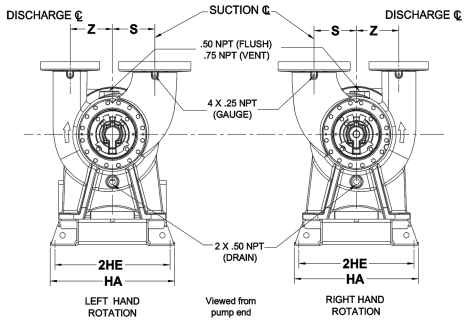
Model VSC 8x10x10½B Centrifugal Pump Submittal

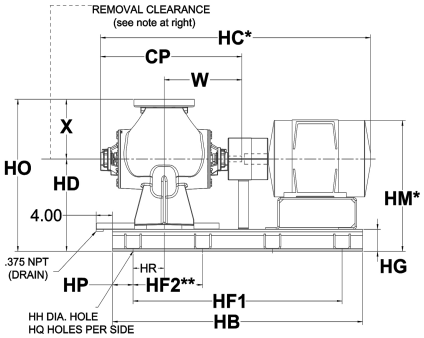
B-855.4B



FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	8"	1.88 (48)	14.75 (375)
Suction	10"	2.13 (54)	17.00 (432)

FLANGES ARE 125# ANSI - STANDARD

250# ANSI - AVAILABLE



DIMENSIONS IN INCHES (MM)		
S	X	Z
8.97 (228)	15.5 (394)	8.97 (228)

Removal clearance from end of bracket: 24 Inches (610 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
254T	34.48 (876)	25.4 (645)	61 (1549)	58.495 (1486)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	38.75 (984)	5 (127)	4	7.63 (194)	18.93 (481)
256T	34.48 (876)	25.4 (645)	61 (1549)	60.245 (1530)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	38.75 (984)	5 (127)	4	7.63 (194)	18.93 (481)
284T/TS	34.48 (876)	25.4 (645)	61 (1549)	61.408 (1560)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	38.75 (984)	5 (127)	4	7.63 (194)	18.93 (481)
286T/TS	34.48 (876)	25.4 (645)	61 (1549)	62.904 (1598)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	38.75 (984)	5 (127)	4	7.63 (194)	18.93 (481)
324T/TS	34.48 (876)	25.4 (645)	61 (1549)	65.725 (1669)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.82 (789)	38.75 (984)	5 (127)	4	7.63 (194)	18.93 (481)
326T/TS	34.48 (876)	25.4 (645)	61 (1549)	66.845 (1698)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	32.35 (822)	38.75 (984)	5 (127)	4	7.63 (194)	18.93 (481)
364T/TS	34.48 (876)	25.4 (645)	61 (1549)	68.684 (1745)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	33.2 (843)	38.75 (984)	5 (127)	4	7.63 (194)	18.93 (481)
365T/TS	34.48 (876)	25.4 (645)	61 (1549)	68.684 (1745)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	33.2 (843)	38.75 (984)	5 (127)	4	7.63 (194)	18.93 (481)
404T/TS	34.48 (876)	25.4 (645)	70 (1778)	71.785 (1823)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	33.72 (856)	38.75 (984)	5 (127)	5	7.63 (194)	18.93 (481)
405T/TS	34.48 (876)	25.4 (645)	70 (1778)	73.785 (1874)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	33.72 (856)	38.75 (984)	5 (127)	5	7.62 (194)	18.93 (481)
444T/TS	34.48 (876)	25.4 (645)	70 (1778)	79.251 (2013)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	38.77 (985)	38.75 (984)	5 (127)	5	7.62 (194)	18.93 (481)
445T/TS	34.48 (876)	25.4 (645)	70 (1778)	80.855 (2054)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	38.77 (985)	38.75 (984)	5 (127)	5	7.62 (194)	18.93 (481)

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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www.bellgossett.com

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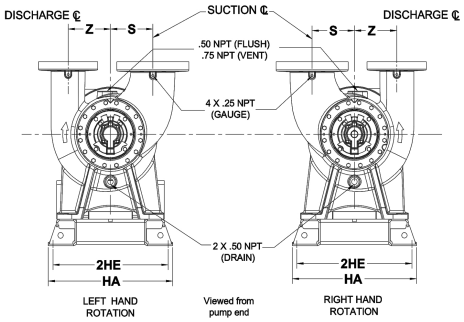
Model VSC 8x10x10½B Centrifugal Pump Submittal

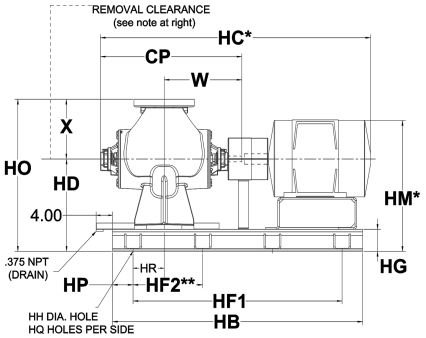
B-855.4B



FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	8"	1.88 (48)	14.75 (375)
Suction	10"	2.13 (54)	17.00 (432)

FLANGES ARE 125# ANSI - STANDARD

250# ANSI - AVAILABLE



DIMENSIONS IN INCHES (MM)		
S	X	Z
8.97 (228)	15.5 (394)	8.97 (228)

Removal clearance from end of bracket: 24 Inches (610 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
254T	34.48 (876)	25.4 (645)	70 (1778)	69.745 (1772)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.07 (789)	38.75 (984)	5 (127)	5	7.62 (194)	18.93 (481)
256T	34.48 (876)	25.4 (645)	70 (1778)	71.495 (1816)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.07 (789)	38.75 (984)	5 (127)	5	7.62 (194)	18.93 (481)
284T/TS	34.48 (876)	25.4 (645)	70 (1778)	72.658 (1846)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.07 (789)	38.75 (984)	5 (127)	5	7.62 (194)	18.93 (481)
286T/TS	34.48 (876)	25.4 (645)	70 (1778)	74.154 (1884)	23.25 (591)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.07 (789)	38.75 (984)	5 (127)	5	7.62 (194)	18.93 (481)
324T/TS	34.48 (876)	25.4 (645)	80 (2032)	76.975 (1955)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	31.82 (789)	38.75 (984)	4 (102)	5	8.63 (219)	18.93 (481)
326T/TS	34.48 (876)	25.4 (645)	80 (2032)	78.095 (1984)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	32.35 (822)	38.75 (984)	4 (102)	5	8.63 (219)	18.93 (481)
364T/TS	34.48 (876)	25.4 (645)	80 (2032)	79.934 (2030)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	33.2 (843)	38.75 (984)	4 (102)	5	8.63 (219)	18.93 (481)
365T/TS	34.48 (876)	25.4 (645)	80 (2032)	79.934 (2030)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	33.2 (843)	38.75 (984)	4 (102)	5	8.63 (219)	18.93 (481)
404T/TS	34.48 (876)	25.4 (645)	80 (2032)	82.535 (2096)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	33.72 (856)	38.75 (984)	4 (102)	5	8.63 (219)	18.93 (481)
405T/TS	34.48 (876)	25.4 (645)	80 (2032)	84.535 (2147)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	33.72 (856)	38.75 (984)	4 (102)	5	8.63 (219)	18.93 (481)
444T/TS	34.48 (876)	25.4 (645)	80 (2032)	90.001 (2286)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	38.77 (985)	38.75 (984)	4 (102)	5	8.63 (219)	18.93 (481)
445T/TS	34.48 (876)	25.4 (645)	80 (2032)	91.605 (2327)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	38.77 (985)	38.75 (984)	4 (102)	5	8.63 (219)	18.93 (481)

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

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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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