

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

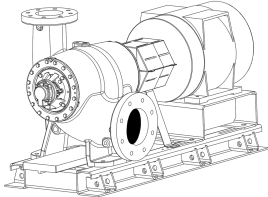
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSCS 5x6x13¹/₂B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

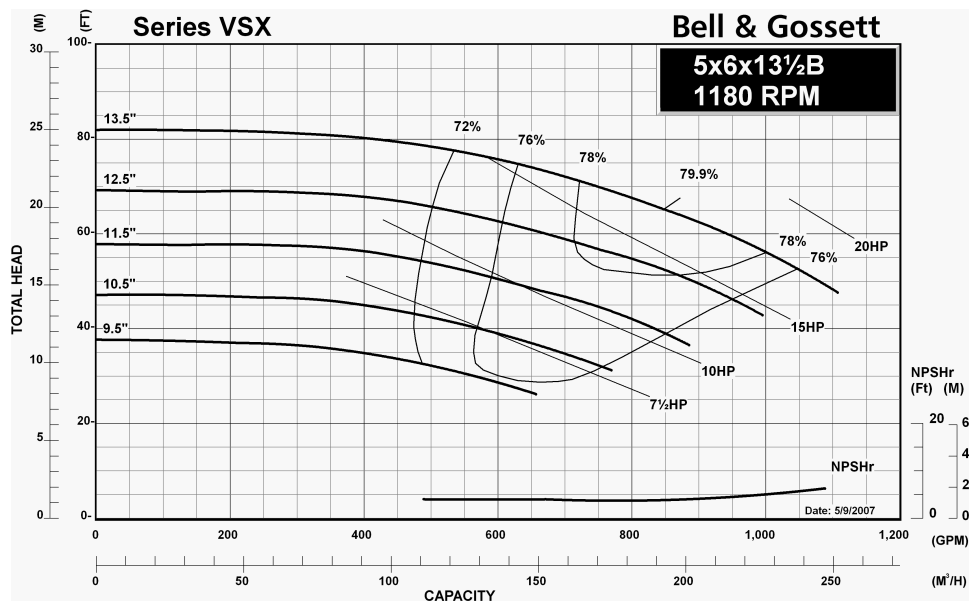
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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)



JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

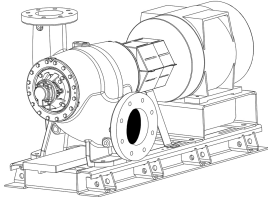
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSCS 5x6x13¹/₂B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

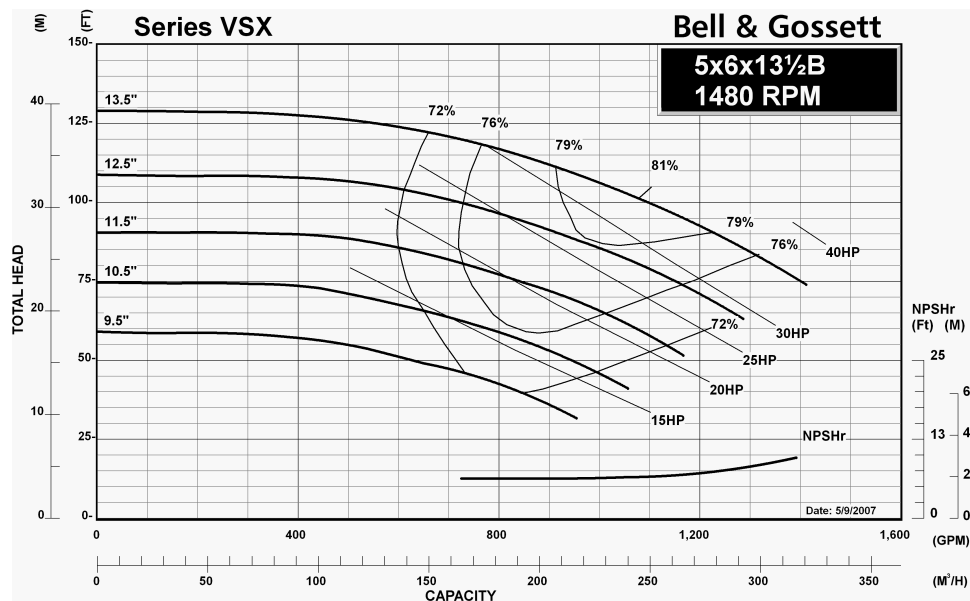
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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)



JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

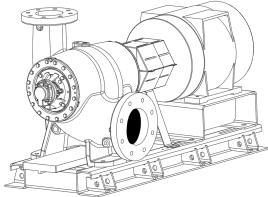
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSCS 5x6x13¹/₂B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

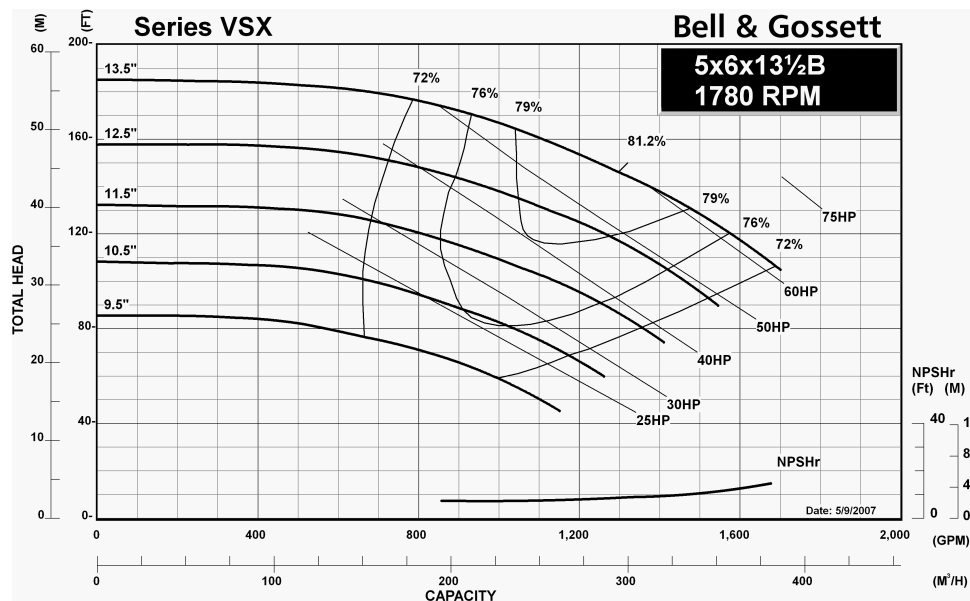
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

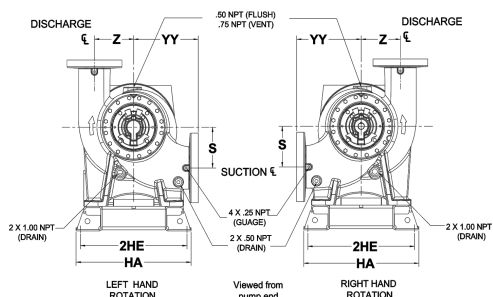
OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ 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)





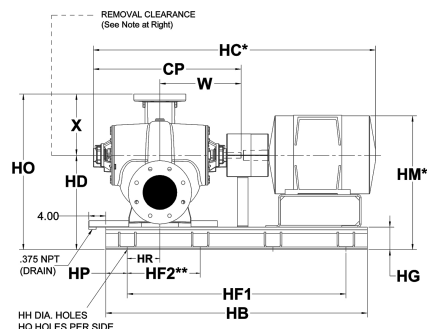
FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	5"	1.63 (41)	10.75 (273)
Suction	6"	1.69 (41)	12.13 (308)

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

DIMENSIONS IN INCHES (MM)			
S	X	YY	Z
8.975 (228)	17 (432)	17 (432)	8.975 (228)

Removal clearance from end
of bracket: 23 Inches (584 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)	20.75 (527)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	28.57 (726)	37.75 (959)	5 (127)	4	7.63 (194)	18.93 (481)
256T	34.48 (876)	25.4 (645)	61 (1549)	60.245 (1530)	20.75 (527)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	28.57 (726)	37.75 (959)	5 (127)	4	7.63 (194)	18.93 (481)
284T/TS	34.48 (876)	25.4 (645)	61 (1549)	61.408 (1560)	20.75 (527)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	28.57 (726)	37.75 (959)	5 (127)	4	7.63 (194)	18.93 (481)
286T/TS	34.48 (876)	25.4 (645)	61 (1549)	62.904 (1598)	20.75 (527)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	28.57 (726)	37.75 (959)	5 (127)	4	7.63 (194)	18.93 (481)
324T/TS	34.48 (876)	25.4 (645)	61 (1549)	65.725 (1669)	20.75 (527)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	29.32 (745)	37.75 (959)	5 (127)	4	7.63 (194)	18.93 (481)
326T/TS	34.48 (876)	25.4 (645)	61 (1549)	66.845 (1698)	20.75 (527)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	29.85 (758)	37.75 (959)	5 (127)	4	7.63 (194)	18.93 (481)
364T/TS	34.48 (876)	25.4 (645)	61 (1549)	68.684 (1745)	20.75 (527)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	30.70 (480)	37.75 (959)	5 (127)	4	7.63 (194)	18.93 (481)
365T/TS	34.48 (876)	25.4 (645)	61 (1549)	68.684 (1745)	20.75 (527)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	30.70 (480)	37.75 (959)	5 (127)	4	7.63 (194)	18.93 (481)
404T/TS	34.48 (876)	25.4 (645)	70 (1778)	71.29 (1811)	20.75 (527)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.1 (790)	37.75 (959)	5 (127)	5	7.62 (194)	18.93 (481)
405T/TS	34.48 (876)	25.4 (645)	70 (1778)	73.29 (1862)	20.75 (527)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	31.1 (790)	37.75 (959)	5 (127)	5	7.62 (194)	18.93 (481)

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

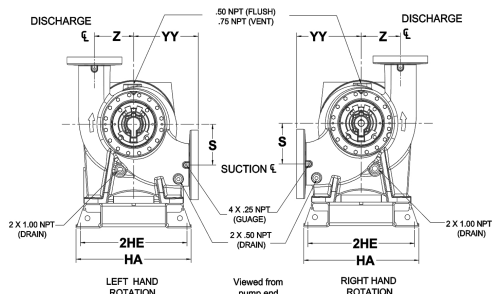
Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.bellgossett.com

xylem
Let's Solve Water

Model VSCS 5x6x13½B Centrifugal Pump Submittal

B-852.8B



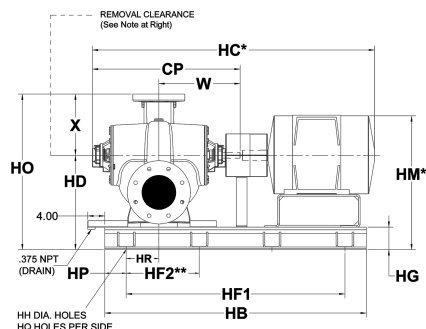
FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	5"	1.63 (41)	10.75 (273)
Suction	6"	1.69 (41)	12.13 (308)

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

DIMENSIONS IN INCHES (MM)			
S	X	YY	Z
8.975 (228)	17 (432)	17 (432)	8.975 (228)

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 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)	67.745 (1721)	20.75 (527)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	28.57 (726)	37.75 (959)	5 (127)	5	7.62 (194)	18.93 (481)
256T	34.48 (876)	25.4 (645)	70 (1778)	69.495 (1765)	20.75 (527)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	28.57 (726)	37.75 (959)	5 (127)	5	7.62 (194)	18.93 (481)
284T/TS	34.48 (876)	25.4 (645)	70 (1778)	70.658 (1795)	20.75 (527)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	28.57 (726)	37.75 (959)	5 (127)	5	7.62 (194)	18.93 (481)
286T/TS	34.48 (876)	25.4 (645)	70 (1778)	72.154 (1833)	20.75 (527)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	28.57 (726)	37.75 (959)	5 (127)	5	7.62 (194)	18.93 (481)
324T/TS	34.48 (876)	25.4 (645)	70 (1778)	74.975 (1904)	20.75 (527)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	29.32 (745)	37.75 (959)	5 (127)	5	7.62 (194)	18.93 (481)
326T/TS	34.48 (876)	25.4 (645)	70 (1778)	76.095 (1933)	20.75 (527)	23.52 (597)	60 (1524)	15 (381)	5.25 (133)	0.88 (22)	29.85 (758)	37.75 (959)	5 (127)	5	7.62 (194)	18.93 (481)
364T/TS	34.48 (876)	25.4 (645)	80 (2032)	77.934 (1980)	20.75 (527)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	30.70 (480)	37.75 (959)	4 (102)	5	8.63 (219)	18.93 (481)
365T/TS	34.48 (876)	25.4 (645)	80 (2032)	77.934 (1980)	20.75 (527)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	30.70 (480)	37.75 (959)	4 (102)	5	8.63 (219)	18.93 (481)
404T/TS	34.48 (876)	25.4 (645)	80 (2032)	80.54 (2046)	20.75 (527)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	31.1 (790)	37.75 (959)	4 (102)	5	8.63 (219)	18.93 (481)
405T/TS	34.48 (876)	25.4 (645)	80 (2032)	82.54 (2097)	20.75 (527)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	31.1 (790)	37.75 (959)	4 (102)	5	8.63 (219)	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.

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.

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.bellgossett.com

xylem
Let's Solve Water