

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

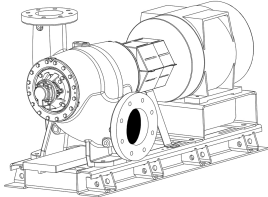
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSCS 10x12x11 $\frac{1}{2}$ B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

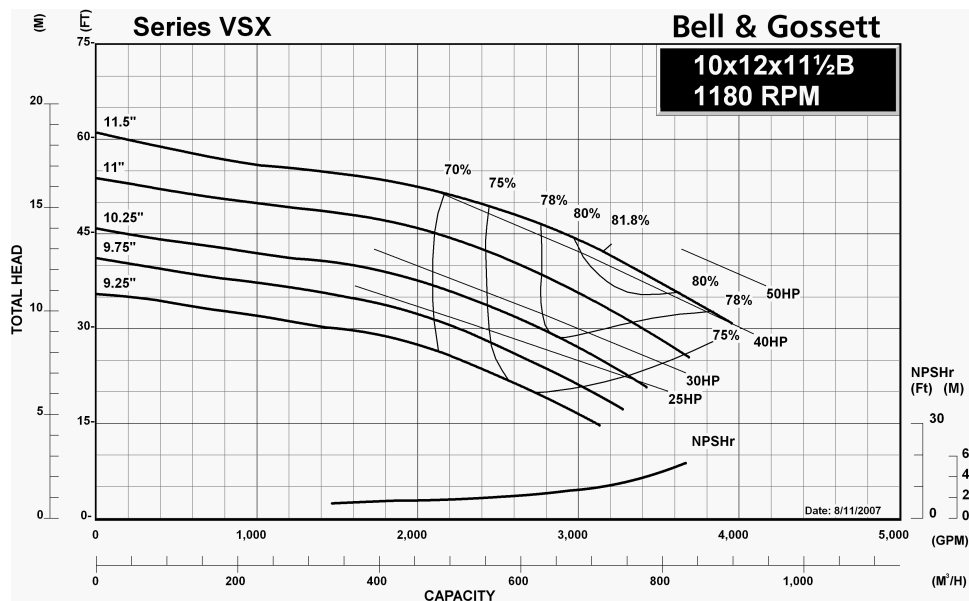
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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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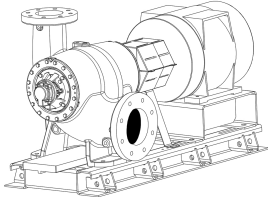
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Model VSCS 10x12x11 $\frac{1}{2}$ B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

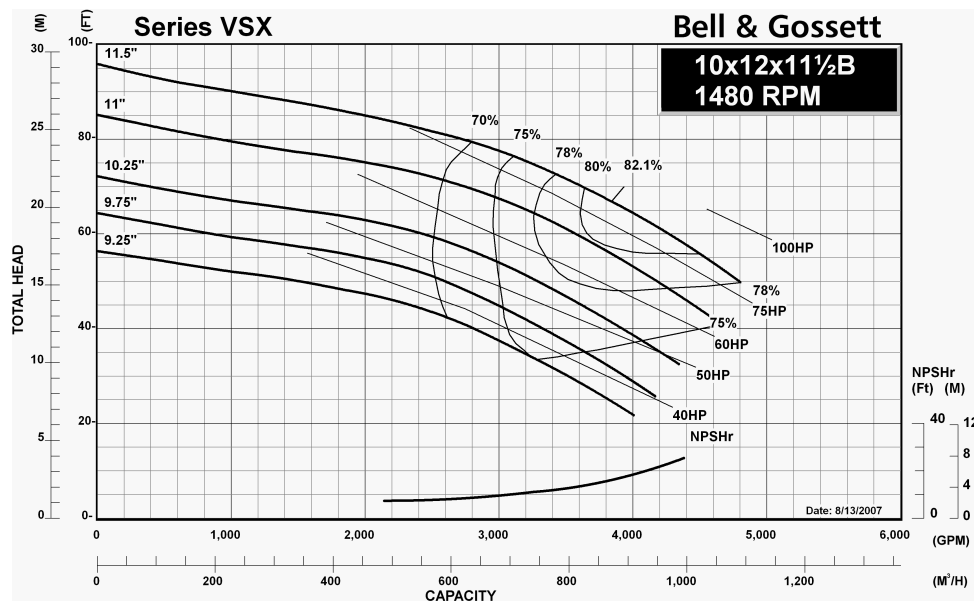
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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:

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UNIT TAG:

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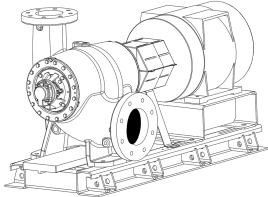
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSCS 10x12x11¹/₂B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

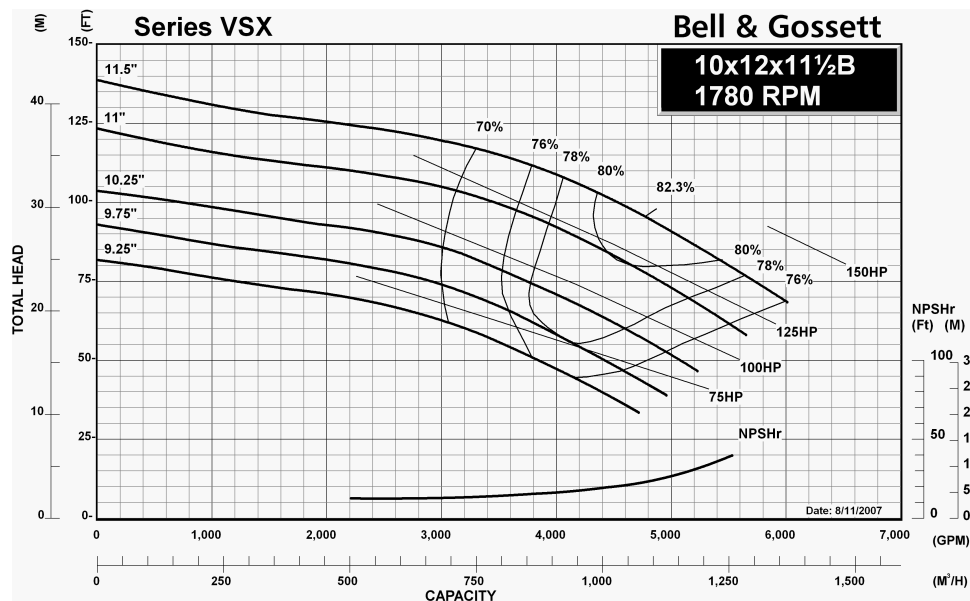
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

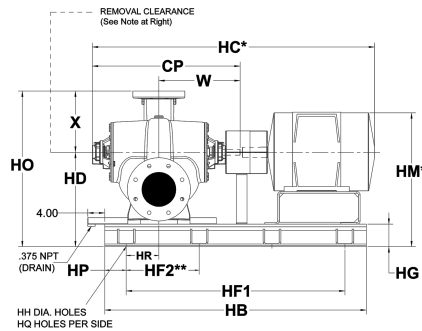
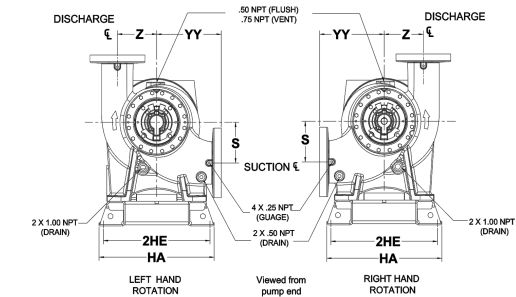
OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ 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)





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

**Dimensions vary due to coupler gap based on horse power.

***Distance to the next available hole.

FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	10"	2.125 (54)	17.00 (432)
Suction	12"	2.25 (57)	20.25 (514)

FLANGES ARE 125# ANSI - STANDARD

250# ANSI - AVAILABLE

DIMENSIONS IN INCHES (MM)			
S	X	YY	Z
9.82 (249)	19 (483)	19 (483)	9.82 (249)

Removal clearance from end
of bracket: 26 Inches (660 mm)

STANDARD COUPLER

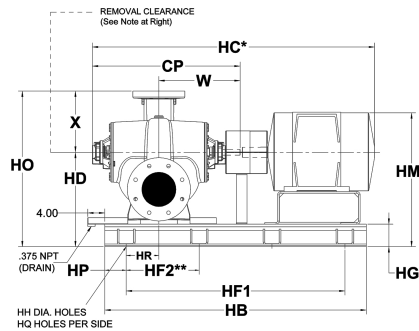
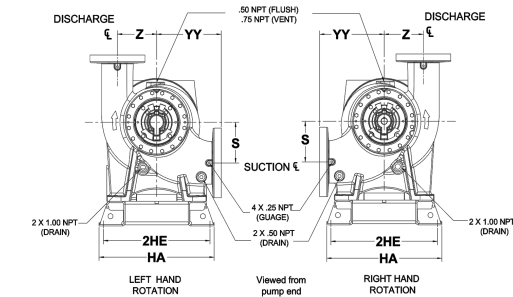
MOTOR FRAME	DIMENSIONS - INCHES (mm) FOR STANDARD COUPLER															
	CP	HA	HB	HC	HD	2HE	HF ₁	HF ₂ ***	HG	HH	HM	HO	HP	HQ	HR	W
286T/TS	37.9 (963)	31.4 (798)	73 (1854)	66.329 (1685)	27.25 (692)	29.52 (750)	63 (1600)	15.75 (400)	6.25 (159)	0.88 (22)	35.07 (891)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
324T/TS	37.9 (963)	31.4 (798)	73 (1854)	69.15 (1756)	27.25 (692)	29.52 (750)	63 (1600)	15.75 (400)	6.25 (159)	0.88 (22)	35.82 (910)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
326T/TS	37.9 (963)	31.4 (798)	73 (1854)	70.27 (1785)	27.25 (692)	29.52 (750)	63 (1600)	15.75 (400)	6.25 (159)	0.88 (22)	36.35 (923)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
364T/TS	37.9 (963)	31.4 (798)	73 (1854)	72.109 (1832)	27.25 (692)	29.52 (750)	63 (1600)	15.75 (400)	6.25 (159)	0.88 (22)	37.2 (945)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
365T/TS	37.9 (963)	31.4 (798)	73 (1854)	72.109 (1832)	27.25 (692)	29.52 (750)	63 (1600)	15.75 (400)	6.25 (159)	0.88 (22)	37.2 (945)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
404T/TS	37.9 (963)	31.4 (798)	73 (1854)	75.21** (1910)	27.25 (692)	29.52 (750)	63 (1600)	15.75 (400)	6.25 (159)	0.88 (22)	37.72 (958)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
405T/TS	37.9 (963)	31.4 (798)	73 (1854)	77.21** (1961)	27.25 (692)	29.52 (750)	63 (1600)	15.75 (400)	6.25 (159)	0.88 (22)	37.72 (958)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
444T/TS	37.9 (963)	31.4 (798)	84 (2134)	82.676 (2100)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	42.77 (1086)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
445T/TS	37.9 (963)	31.4 (798)	84 (2134)	84.28 (2141)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	42.77 (1086)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
447T/TS	37.9 (963)	31.4 (798)	84 (2134)	90.76 (2305)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	41.13 (1045)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
449T/TS	37.9 (963)	31.4 (798)	84 (2134)	91.46 (2323)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	41.13 (1045)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)

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



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

**Dimensions vary due to coupler gap based on horse power.

***Distance to the next available hole.

FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	10"	2.125 (54)	17.00 (432)
Suction	12"	2.25 (57)	20.25 (514)

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

DIMENSIONS IN INCHES (MM)			
S	X	YY	Z
9.82 (249)	19 (483)	19 (483)	9.82 (249)

Removal clearance from end
of bracket: 26 Inches (660 mm)

SPACER COUPLER

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
286T/TS	37.9 (963)	31.4 (798)	84 (2134)	77.579 (1971)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	35.07 (891)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
324T/TS	37.9 (963)	31.4 (798)	84 (2134)	80.4 (2042)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	35.82 (910)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
326T/TS	37.9 (963)	31.4 (798)	84 (2134)	81.52 (2071)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	36.35 (923)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
364T/TS	37.9 (963)	31.4 (798)	84 (2134)	83.359 (2117)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	37.2 (945)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
365T/TS	37.9 (963)	31.4 (798)	84 (2134)	83.359 (2117)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	37.2 (945)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
404T/TS	37.9 (963)	31.4 (798)	84 (2134)	85.96** (2183)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	37.72 (958)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
405T/TS	37.9 (963)	31.4 (798)	84 (2134)	87.96** (2234)	27.25 (692)	29.52 (750)	74 (1880)	18.50 (470)	6.25 (159)	0.88 (22)	37.72 (958)	46.25 (1175)	5 (127)	5	9.125 (232)	20.82 (529)
444T/TS	37.9 (963)	31.4 (798)	94 (2388)	93.426 (2373)	27.25 (692)	29.52 (750)	84 (2134)	16.80 (427)	6.25 (159)	0.88 (22)	42.77 (1086)	46.25 (1175)	5 (127)	6	9.125 (232)	20.82 (529)
445T/TS	37.9 (963)	31.4 (798)	94 (2388)	95.03 (2414)	27.25 (692)	29.52 (750)	84 (2134)	16.80 (427)	6.25 (159)	0.88 (22)	42.77 (1086)	46.25 (1175)	5 (127)	6	9.125 (232)	20.82 (529)
447T/TS	37.9 (963)	31.4 (798)	94 (2388)	101.51 (2578)	27.25 (692)	29.52 (750)	84 (2134)	16.80 (427)	6.25 (159)	0.88 (22)	41.13 (1045)	46.25 (1175)	5 (127)	6	9.125 (232)	20.82 (529)
449T/TS	37.9 (963)	31.4 (798)	94 (2388)	102.21 (2596)	27.25 (692)	29.52 (750)	84 (2134)	16.80 (427)	6.25 (159)	0.88 (22)	41.13 (1045)	46.25 (1175)	5 (127)	6	9.125 (232)	20.82 (529)

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 or Dodge Paraflex spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.

