

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

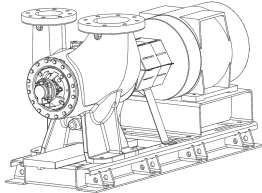
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSC 5x6x17 1/2 A Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

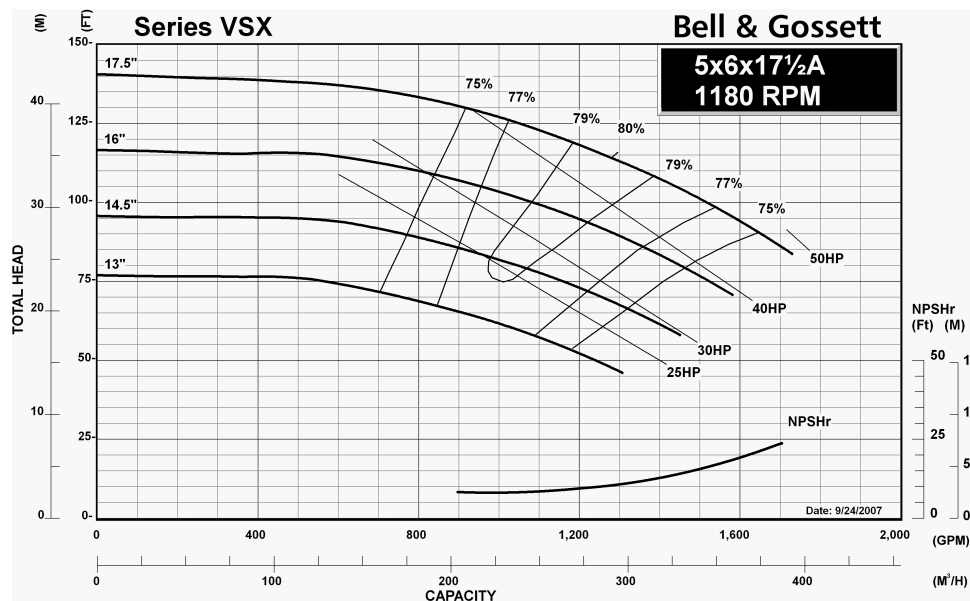
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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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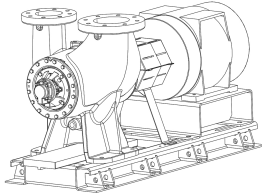
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Model VSC 5x6x17¹/₂A Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

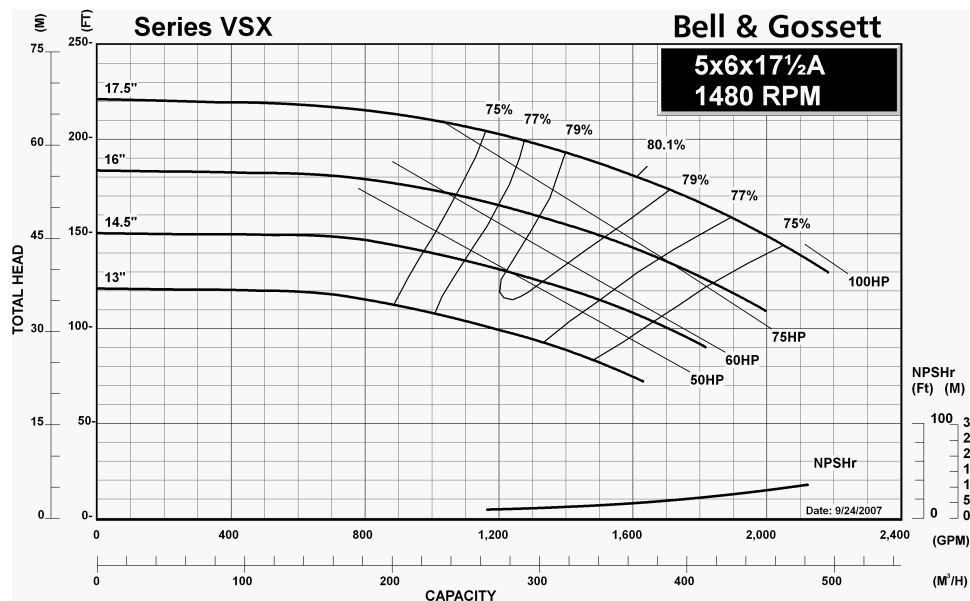
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

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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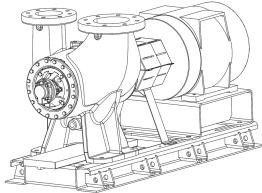
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Model VSC 5x6x17 1/2 A Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

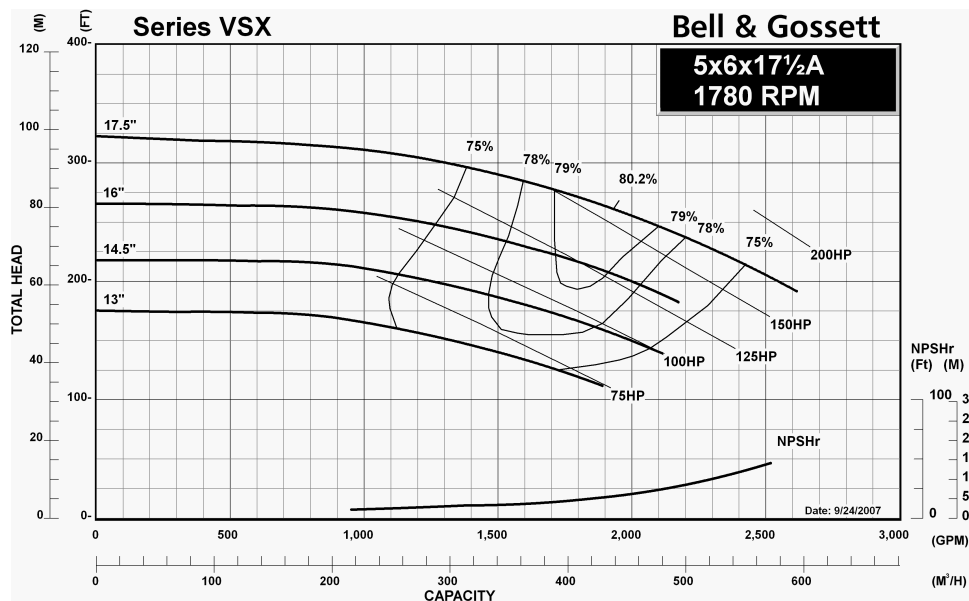
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

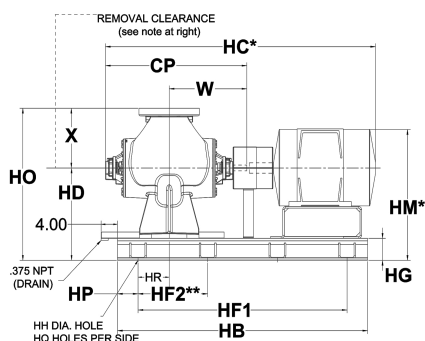
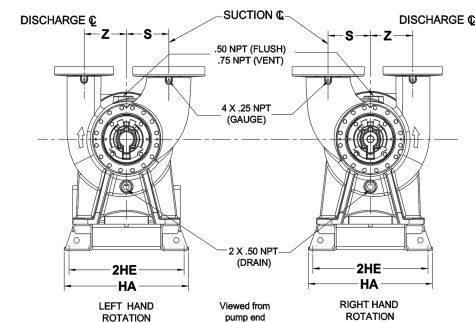
OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ 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.

**Distance to the next available hole.

FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	5"	1.56 (40)	10.75 (273)
Suction	6"	1.63 (41)	12.13 (308)

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

DIMENSIONS IN INCHES (MM)		
S	X	Z
10.9 (277)	18 (457)	10.9 (277)

Removal clearance from end
of bracket: 24 Inches (610 mm)

STANDARD COUPLER

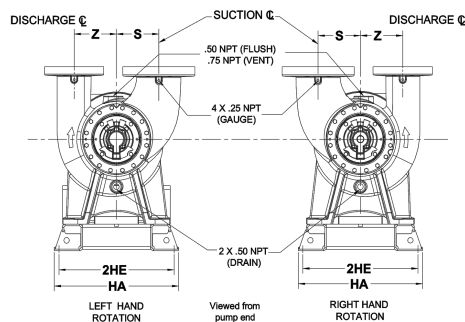
MOTOR FRAME	DIMENSIONS - INCHES (mm) FOR PUMPS WITH STANDARD COUPLER															
	CP	HA	HB	HC* MAX.	HD	2HE	HF ₁	HF ₂ **	HG	HH	HM* MAX.	HO	HP	HQ	HR	W
254T	34.48 (876)	25.4 (645)	61 (1549)	58.5 (1486)	23.25 (591)	23.52 (597)	51 (1295)	17 (432)	5.25 (133)	0.88 (22)	31.07 (789)	41.25 (1048)	5 (127)	4	7.63 (194)	18.93 (481)
256T	34.48 (876)	25.4 (645)	61 (1549)	60.25 (1530)	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)	18.93 (481)
284T/TS	34.48 (876)	25.4 (645)	61 (1549)	61.413 (1560)	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)	18.93 (481)
286T/TS	34.48 (876)	25.4 (645)	61 (1549)	62.909 (1598)	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)	18.93 (481)
324T/TS	34.48 (876)	25.4 (645)	61 (1549)	65.73 (1670)	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)	18.93 (481)
326T/TS	34.48 (876)	25.4 (645)	61 (1549)	66.85 (1698)	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)	18.93 (481)
364T/TS	34.48 (876)	25.4 (645)	61 (1549)	68.689 (1698)	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)	18.93 (481)
365T/TS	34.48 (876)	25.4 (645)	61 (1549)	68.689 (1698)	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)	18.93 (481)
404T/TS	34.48 (876)	25.4 (645)	70 (1778)	71.79 (1823)	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)	18.93 (481)
405T/TS	34.48 (876)	25.4 (645)	70 (1778)	73.79 (1874)	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)	18.93 (481)
444T/TS	34.48 (876)	25.4 (645)	70 (1778)	79.256 (2013)	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)	18.93 (481)
445T/TS	34.48 (876)	25.4 (645)	70 (1778)	80.86 (2054)	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)	18.93 (481)
447T/TS	34.48 (876)	25.4 (645)	80 (2032)	87.34 (2054)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	37.13 (985)	41.25 (1048)	4 (102)	5	8.63 (219)	18.93 (481)
449T/TS	34.48 (876)	25.4 (645)	80 (2032)	88.04 (2236)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	37.13 (985)	41.25 (1048)	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.

Model VSC 5x6x17½A Centrifugal Pump Submittal

B-852.4D



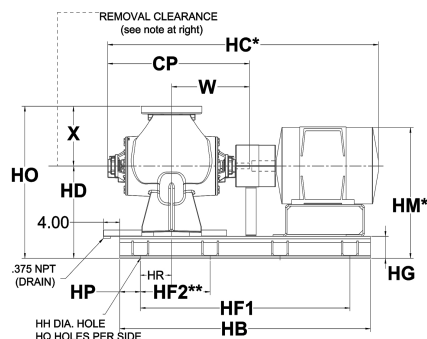
FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	5"	1.56 (40)	10.75 (273)
Suction	6"	1.63 (41)	12.13 (308)

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

DIMENSIONS IN INCHES (MM)		
S	X	Z
10.9 (277)	18 (457)	10.9 (277)

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 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	34.48 (876)	25.4 (645)	70 (1778)	67.75 (1721)	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)	18.93 (481)
256T	34.48 (876)	25.4 (645)	70 (1778)	69.5 (1765)	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)	18.93 (481)
284T/TS	34.48 (876)	25.4 (645)	70 (1778)	70.663 (1795)	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)	18.93 (481)
286T/TS	34.48 (876)	25.4 (645)	70 (1778)	72.159 (1833)	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)	18.93 (481)
324T/TS	34.48 (876)	25.4 (645)	70 (1778)	74.98 (1904)	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)	18.93 (481)
326T/TS	34.48 (876)	25.4 (645)	70 (1778)	76.1 (1933)	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)	18.93 (481)
364T/TS	34.48 (876)	25.4 (645)	80 (2032)	77.939 (1980)	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)	18.93 (481)
365T/TS	34.48 (876)	25.4 (645)	80 (2032)	77.939 (1980)	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)	18.93 (481)
404T/TS	34.48 (876)	25.4 (645)	80 (2032)	80.54 (2046)	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)	18.93 (481)
405T/TS	34.48 (876)	25.4 (645)	80 (2032)	82.54 (2097)	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)	18.93 (481)
444T/TS	34.48 (876)	25.4 (645)	80 (2032)	88.006 (2235)	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)	18.93 (481)
445T/TS	34.48 (876)	25.4 (645)	80 (2032)	89.61 (2276)	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)	18.93 (481)
447T/TS	34.48 (876)	25.4 (645)	80 (2032)	96.09 (2441)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	37.13 (985)	41.25 (1048)	4 (102)	5	8.63 (219)	18.93 (481)
449T/TS	34.48 (876)	25.4 (645)	80 (2032)	96.79 (2458)	23.25 (591)	23.52 (597)	72 (1829)	18 (457)	5.25 (133)	0.88 (22)	37.13 (985)	41.25 (1048)	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 coupling option. For dimensions on the 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



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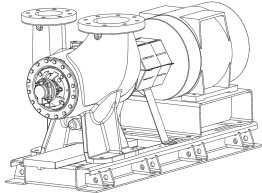
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Model VSC **5x6x17¹/₂A** **Double Suction Split Case Pump**



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)

