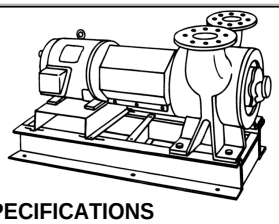
Bell & Gossett
a xylem brand

SUBMITTAL

B-445.1C

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



5x5x9-3/4B

VSC Centrifugal Pumps

Base Mounted - Double suction

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

FEATURES

☒ ANSI/OSHA Coupling Guard
☒ Center Drop Out Spacer Coupling
☒ Fabricated Heavy Duty Baseplate

TYPE OF SEAL

Standard Seal Construction, 175 PSIG (12 Bar) working pressure, 125# ANSI flanges.
std. flush(-F)

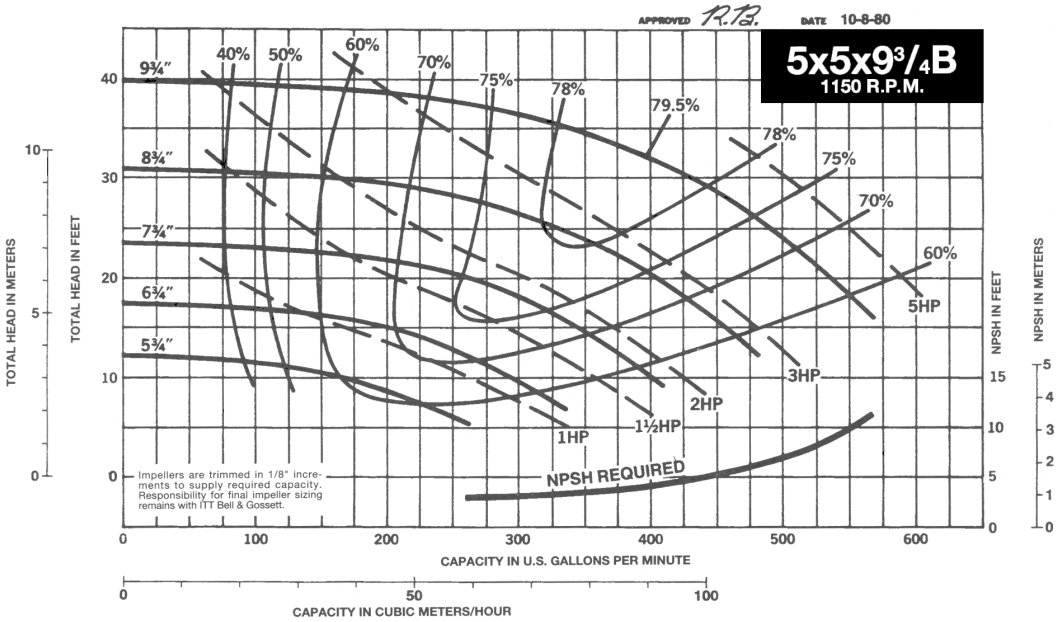
☐ ☐ Standard: Crane Type 21, Buna/Carbon-Ceramic, 90 psig (6 bar) max. suction pressure Temp. range: -20 to 225°F (-29 to 107 °C).
☐ ☐ Optional: Crane Type 21, EPR/Carbon-Tungsten 90 psig (6 bar) max. suction pressure, Temp. range: -20 to 250 °F (-29 to 121 °C).
☐ ☐ Optional: Crane Type 2, Buna/Carbon-Ceramic, 175 psig (6 bar) max. suction pressure Temp. range: -20 to 225 °F (-29 to 107 °C).

Standard Seal Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.
☐ ☐ Standard: Crane Type 2, Buna/Carbon-Ceramic, 180 psig (12 bar) max. suction pressure Temp. range:-20 to 225°F (-29 to 107 °C).
☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 240 psig (16 bar) max. suction pressure Temp. range: -20 to 250 °F (-29 to 121 °C).

Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.
☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).
☐ Optional: -PF Configuration
Packing (Non-Asbestos)

Stuffing Box Construction, 300 PSIG (20 Bar) working press., 250# ANSI flanges. External flush to seal.
☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 300 PSIG (20 Bar) max. suction pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).

*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.



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Let's Solve Water

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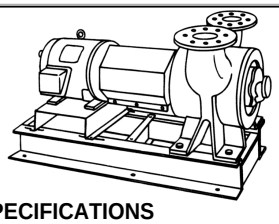

5x5x9-3/4B

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☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).
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Packing (Non-Asbestos)

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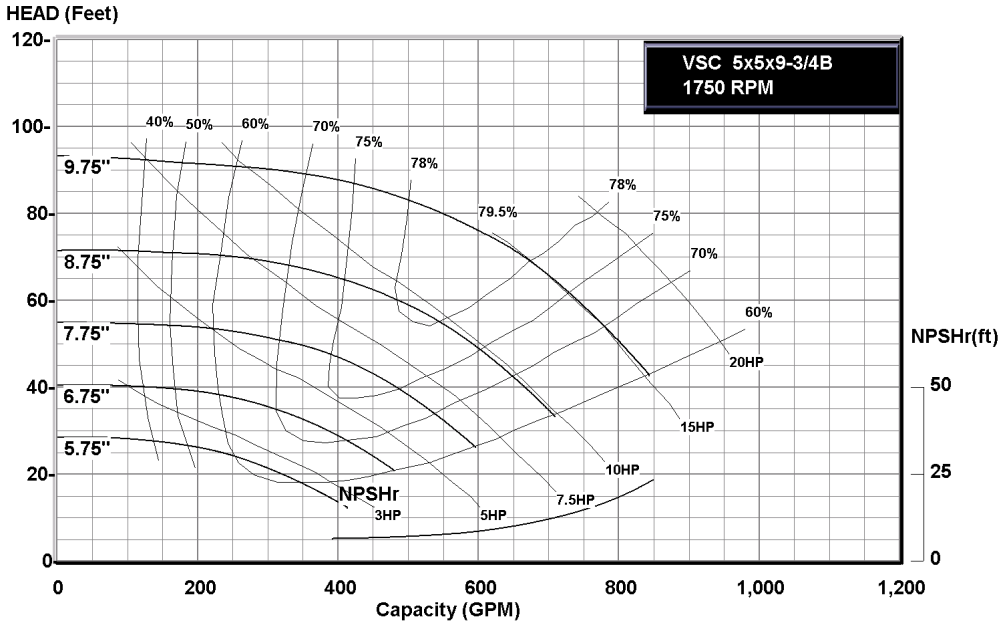

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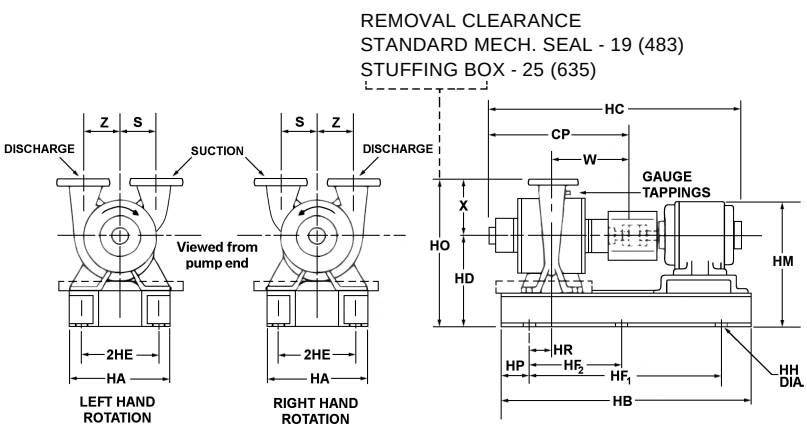
Series VSC 5x5x9-3/4B Centrifugal Pump Submittal

B-445.1C



FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	**THICKNESS**	**O.D.**
Discharge	5" (127)	1-3/8 (35)	10-3/4 (273)
Suction	5" (127)	1-3/8 (35)	10-3/4 (273)

RIGHT HAND ROTATION IS FURNISHED UNLESS OTHERWISE SPECIFIED.
NOTE: EPDM COUPLINGS ARE STANDARD ON PUMPS WITH MOTOR FRAME SIZES THRU 324T.

DIMENSIONS − Inches (mm) **STANDARD SEAL VSC, VSC-F**

MOTOR FRAME	DIMENSIONS - INCHES (MM)																
	CP	**HA**	**HB**	**HC MAX.**	**HD**	**2HE**	**HF_1**	**HF_2**	**HH**	**HM MAX.**	**HO**	**HP**	**HR**	**S**	**W**	**X**	Z
182T	19 (483)	19-1/2 (495)	38-1/4 (972)	39-3/8 (1000)	13-1/4 (337)	17 (432)	30-1/4 (768)	15-1/8 (384)	7/8 (22)	18-1/2 (470)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	10-3/4 (273)	10-1/2 (267)	7-1/4 (184)
184T	19 (483)	19-1/2 (495)	38-1/4 (972)	40-1/8 (1019)	13-1/4 (337)	17 (432)	30-1/4 (768)	15-1/8 (384)	7/8 (22)	18-1/2 (470)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	10-3/4 (273)	10-1/2 (267)	7-1/4 (184)
213T	19 (483)	19-1/2 (495)	38-1/4 (972)	41-7/8 (1064)	13-1/4 (337)	17 (432)	30-1/4 (768)	15-1/8 (384)	7/8 (22)	19-1/8 (486)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	10-3/4 (273)	10-1/2 (267)	7-1/4 (184)
215T	19 (483)	19-1/2 (495)	38-1/4 (972)	43-3/8 (1102)	13-1/4 (337)	17 (432)	30-1/4 (768)	15-1/8 (384)	7/8 (22)	19-1/8 (486)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	10-3/4 (273)	10-1/2 (267)	7-1/4 (184)
254T	19 (483)	19-1/2 (495)	43-3/8 (1102)	48-1/8 (1222)	13-1/4 (337)	17 (432)	35-3/8 (899)	17-5/8 (448)	7/8 (22)	20-1/8 (511)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	10-3/4 (273)	10-1/2 (267)	7-1/4 (184)
256T	19 (483)	19-1/2 (495)	43-3/8 (1102)	49-7/8 (1267)	13-1/4 (337)	17 (432)	35-3/8 (899)	17-5/8 (448)	7/8 (22)	20-1/8 (511)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	10-3/4 (273)	10-1/2 (267)	7-1/4 (184)

STUFFING BOX VSC-PF, VSC-S, VSC-D

MOTOR FRAME	DIMENSIONS - INCHES (MM)																
	CP	**HA**	**HB**	**HC MAX.**	**HD**	**2HE**	**HF_1**	**$HF2_1$**	**HH**	**HM MAX.**	**HO**	**HP**	**HR**	**S**	**W**	**X**	Z
182T	25-1/4 (641)	19-1/2 (495)	38-1/4 (972)	45-5/8 (1159)	13-1/4 (337)	17 (432)	30-1/4 (768)	15-1/8 (384)	7/8 (22)	18-1/2 (470)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	13-7/8 (352)	10-1/2 (267)	7-1/4 (184)
184T	25-1/4 (641)	19-1/2 (495)	38-1/4 (972)	46-3/8 (1178)	13-1/4 (337)	17 (432)	30-1/4 (768)	15-1/8 (384)	7/8 (22)	18-1/2 (470)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	13-7/8 (352)	10-1/2 (267)	7-1/4 (184)
213T	25-1/4 (641)	19-1/2 (495)	43-3/8 (1102)	48-1/8 (1222)	13-1/4 (337)	17 (432)	35-3/8 (899)	17-5/8 (448)	7/8 (22)	19-1/8 (486)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	13-7/8 (352)	10-1/2 (267)	7-1/4 (184)
215T	25-1/4 (641)	19-1/2 (495)	43-3/8 (1102)	49-5/8 (1260)	13-1/4 (337)	17 (432)	35-3/8 (899)	17-5/8 (448)	7/8 (22)	19-1/8 (486)	23-3/4 (603)	4 (102)	2 (51)	7-1/4 (184)	13-7/8 (352)	10-1/2 (267)	7-1/4 (184)
254T	25-1/4 (641)	19-1/2 (495)	49-5/8 (1260)	54-3/8 (1381)	13-1/4 (337)	17 (432)	38-13/16 (986)	19-3/8 (492)	7/8 (22)	20-1/8 (511)	23-3/4 (603)	5 (127)	1 (25)	7-1/4 (184)	13-7/8 (352)	10-1/2 (267)	7-1/4 (184)
256T	25-1/4 (641)	19-1/2 (495)	49-5/8 (1260)	56-1/8 (1426)	13-1/4 (337)	17 (432)	38-13/16 (986)	19-3/8 (492)	7/8 (22)	20-1/8 (511)	23-3/4 (603)	5 (127)	1 (25)	7-1/4 (184)	13-7/8 (352)	10-1/2 (267)	7-1/4 (184)

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

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xylem
Let's Solve Water

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