

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

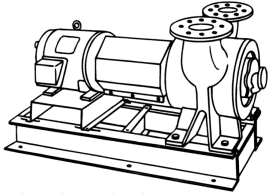
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



4x4x9-1/4L 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).

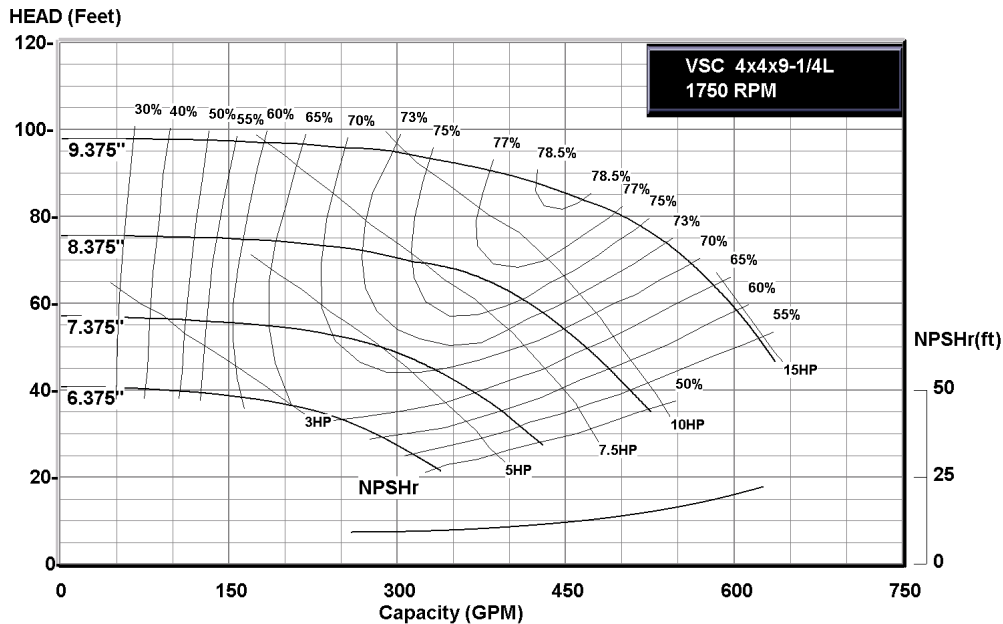
Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.

- ☐ 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 plate heat exchanger kit in the flush line to cool the fluid.



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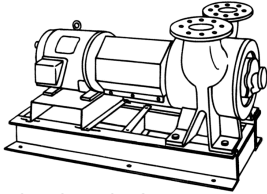
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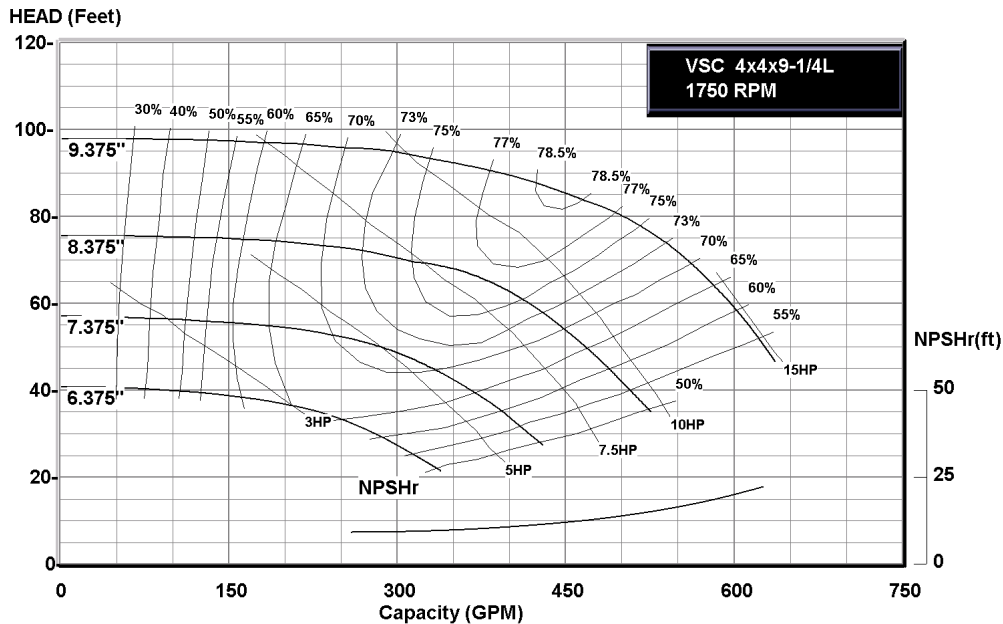
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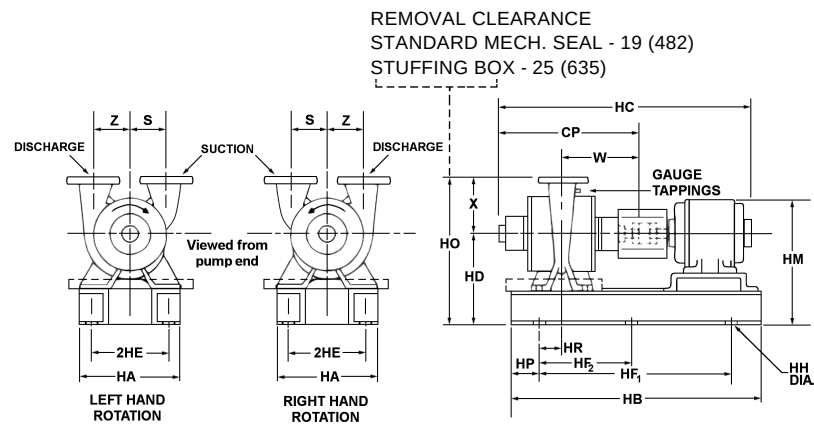
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pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).
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Packing (Non-Asbestos)

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FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	4" (102)	1-1/4 (32)	9-1/2 (241)
Suction	4" (102)	1-1/4 (32)	9-1/2 (241)

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)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	10-3/4 (273)	9-1/2 (241)	6 (152)
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)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	10-3/4 (273)	9-1/2 (241)	6 (152)
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)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	10-3/4 (273)	9-1/2 (241)	6 (152)
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)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	10-3/4 (273)	9-1/2 (241)	6 (152)
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)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	10-3/4 (273)	9-1/2 (241)	6 (152)

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

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	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)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	13-7/8 (352)	9-1/2 (241)	6 (152)
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)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	13-7/8 (352)	9-1/2 (241)	6 (152)
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)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	13-7/8 (352)	9-1/2 (241)	6 (152)
215T	25-1/4 (641)	19-1/2 (495)	43-3/8 (1102)	45-5/8 (1159)	13-1/4 (337)	17 (432)	35-3/8 (899)	17-5/8 (448)	7/8 (22)	19-1/8 (486)	22-3/4 (578)	4 (102)	2 (51)	6 (152)	13-7/8 (352)	9-1/2 (241)	6 (152)
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)	22-3/4 (578)	5 (127)	1 (25)	6 (152)	13-7/8 (352)	9-1/2 (241)	6 (152)

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

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

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