

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

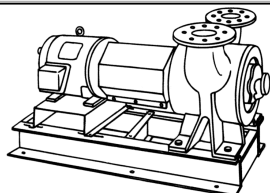
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



5x5x12B

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).

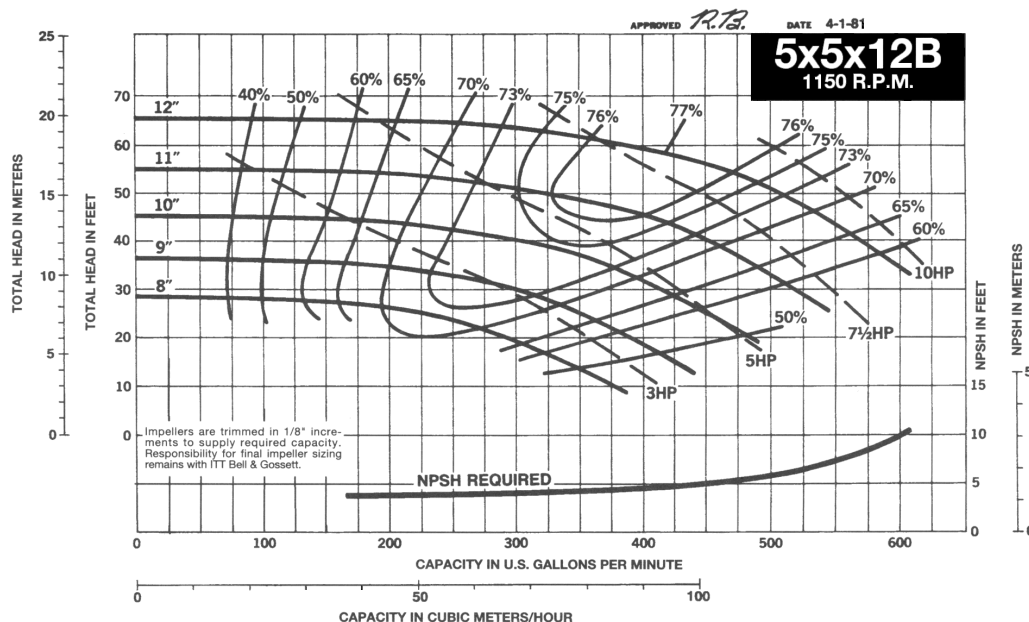
Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.

- ☐ ☐ 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
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*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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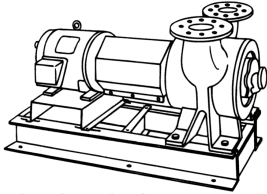
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Base Mounted - Double suction

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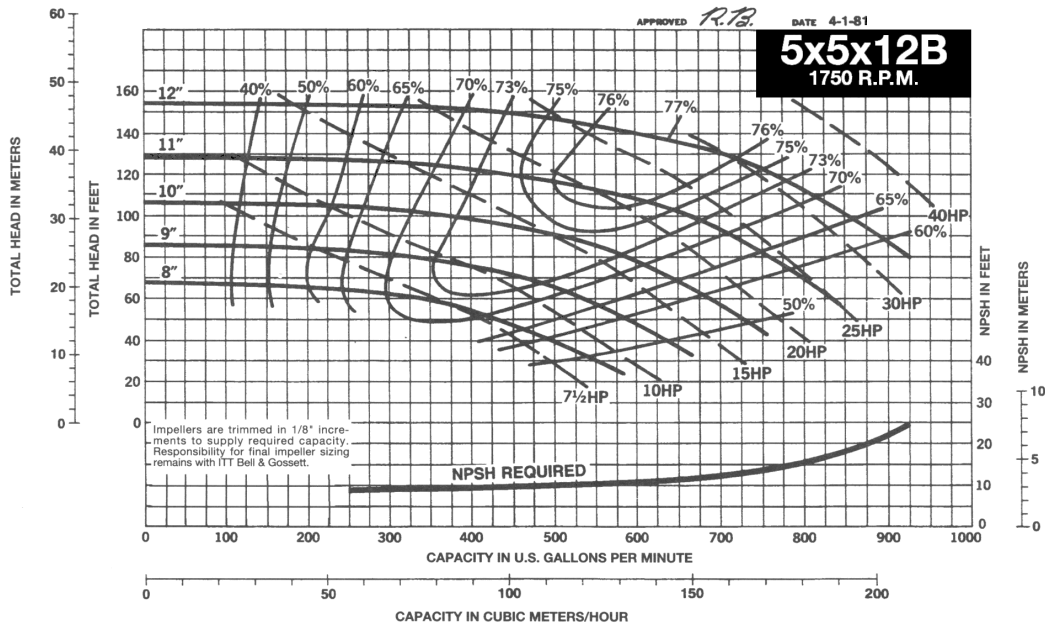
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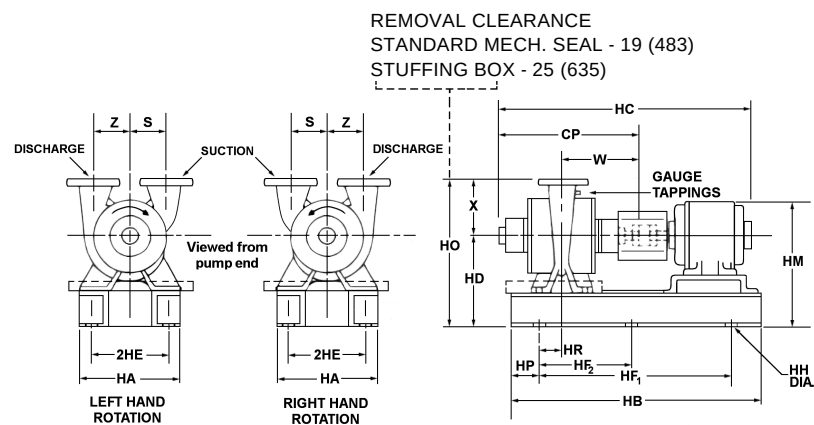
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*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.





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
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)	24-3/4 (629)	4 (102)	2 (51)	8 (203)	10-3/4 (273)	11-1/2 (292)	8 (203)
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)	24-3/4 (629)	4 (102)	2 (51)	8 (203)	10-3/4 (273)	11-1/2 (292)	8 (203)
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)	24-3/4 (629)	4 (102)	2 (51)	8 (203)	10-3/4 (273)	11-1/2 (292)	8 (203)
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)	24-3/4 (629)	4 (102)	2 (51)	8 (203)	10-3/4 (273)	11-1/2 (292)	8 (203)
284T	19 (483)	19-1/2 (495)	49-5/8 (1260)	50-5/8 (1286)	13-1/4 (337)	17 (432)	38-13/16 (986)	19-3/8 (492)	7/8 (22)	21-1/4 (540)	24-3/4 (629)	5 (127)	1 (25)	8 (203)	10-3/4 (273)	11-1/2 (292)	8 (203)
286T	19 (483)	19-1/2 (495)	49-5/8 (1260)	52-1/8 (1324)	13-1/4 (337)	17 (432)	38-13/16 (986)	19-3/8 (492)	7/8 (22)	21-1/4 (540)	24-3/4 (629)	5 (127)	1 (25)	8 (203)	10-3/4 (273)	11-1/2 (292)	8 (203)
324T	19 (483)	19-1/2 (495)	49-5/8 (1260)	54-1/8 (1375)	14-1/4 (362)	17 (432)	38-13/16 (986)	19-3/8 (492)	7/8 (22)	23-3/8 (594)	25-3/4 (654)	5 (127)	1 (25)	8 (203)	10-3/4 (273)	11-1/2 (292)	8 (203)

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
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)	24-3/4 (629)	4 (102)	2 (51)	8 (203)	13-7/8 (352)	11-1/2 (292)	8 (203)
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)	24-3/4 (629)	4 (102)	2 (51)	8 (203)	13-7/8 (352)	11-1/2 (292)	8 (203)
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)	24-3/4 (629)	4 (102)	2 (51)	8 (203)	13-7/8 (352)	11-1/2 (292)	8 (203)
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)	24-3/4 (629)	4 (102)	2 (51)	8 (203)	13-7/8 (352)	11-1/2 (292)	8 (203)
284T	25-1/4 (641)	19-1/2 (495)	49-5/8 (1260)	56-7/8 (1445)	13-1/4 (337)	17 (432)	38-13/16 (986)	19-3/8 (492)	7/8 (22)	21-1/4 (540)	24-3/4 (629)	5 (127)	1 (25)	8 (203)	13-7/8 (352)	11-1/2 (292)	8 (203)
286T	25-1/4 (641)	19-1/2 (495)	49-5/8 (1260)	58-3/8 (1483)	13-1/4 (337)	17 (432)	38-13/16 (986)	19-3/8 (492)	7/8 (22)	21-1/4 (540)	24-3/4 (629)	5 (127)	1 (25)	8 (203)	13-7/8 (352)	11-1/2 (292)	8 (203)
324T	25-1/4 (641)	19-1/2 (495)	49-5/8 (1260)	60-3/8 (1534)	14-1/4 (362)	17 (432)	38-13/16 (986)	19-3/8 (492)	7/8 (22)	23-3/8 (594)	25-3/4 (654)	5 (127)	1 (25)	8 (203)	13-7/8 (352)	11-1/2 (292)	8 (203)

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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