

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

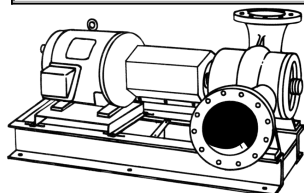
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



10x12x13L

VSCS 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).

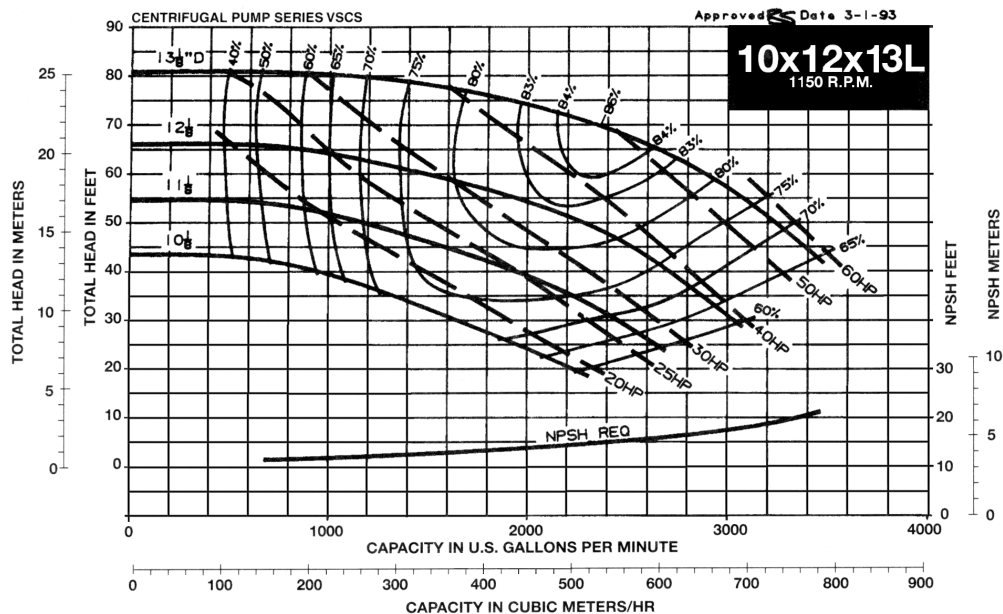
Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.

- ☐ ☐ 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.

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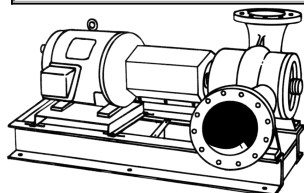
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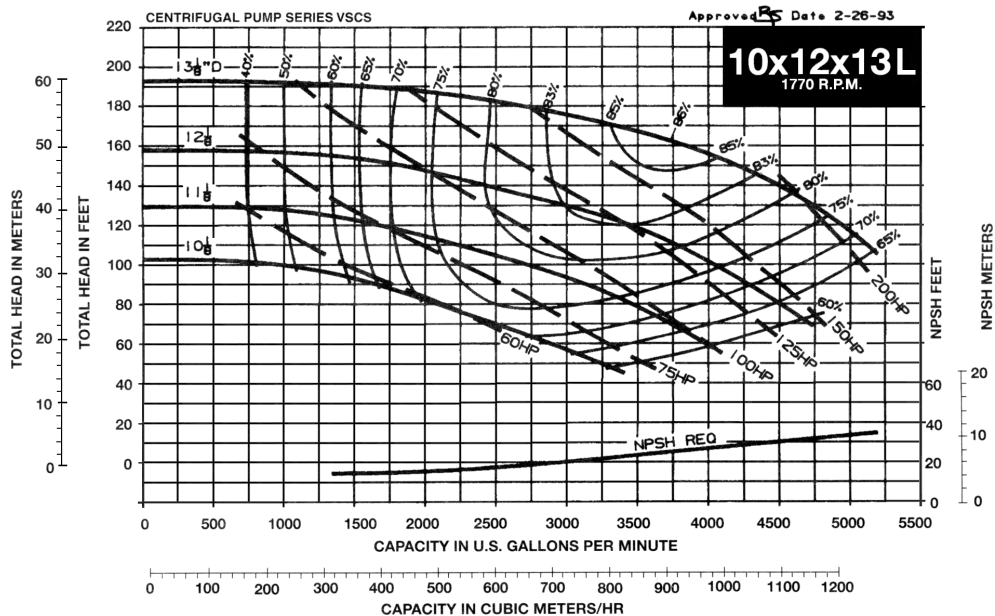
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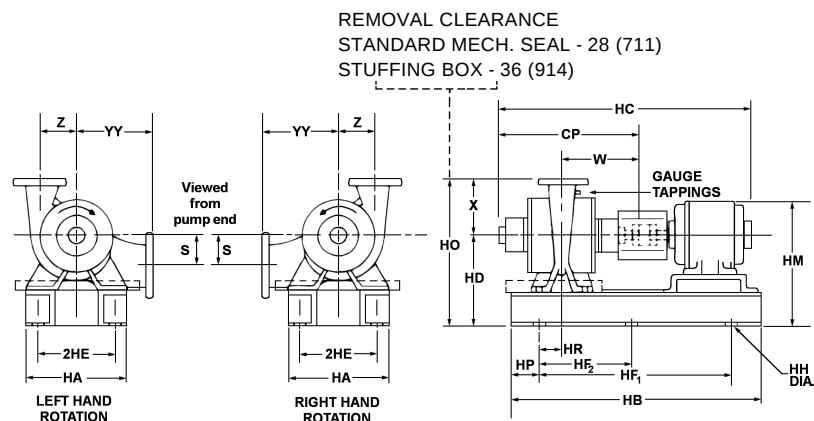
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*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.





RIGHT HAND ROTATION IS FURNISHED UNLESS OTHERWISE SPECIFIED.

NOTE: EPDM COUPLINGS ARE STANDARD ON PUMPS WITH MOTOR FRAME SIZES THRU 324T.

FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	10" (254)	1-7/8" (48)	17" (432)
Suction	12" (305)	2" (51)	20" (508)

DIMENSIONS - Inches (mm)

STANDARD SEAL VSCS, VSCS-F

MOTOR FRAME	DIMENSIONS - INCHES (MM)																	
	CP	HA	HB	HC MAX.	HD	2 HE	HF1	HF2	HH	HM MAX.	HO	HP	HR	S	W	X	YY	Z
286T	27-3/8 (695)	32 (813)	71 (1803)	60-1/2 (1537)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	28 (711)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
324T	27-3/8 (695)	32 (813)	71 (1803)	62-1/2 (1588)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	29-1/8 (740)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
326T	27-3/8 (695)	32 (813)	71 (1803)	64 (1626)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	29-1/8 (740)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
364TS	27-3/8 (695)	32 (813)	71 (1803)	64-1/8 (1629)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	30-1/4 (768)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
365TS	27-3/8 (695)	32 (813)	71 (1803)	64-3/4 (1645)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	30-1/4 (768)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
404TS	27-3/8 (695)	32 (813)	71 (1803)	67 (1702)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-7/8 (810)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
405TS	27-3/8 (695)	32 (813)	71 (1803)	68-1/2 (1740)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-7/8 (810)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
444TS	27-3/8 (695)	32 (813)	71 (1803)	72-7/8 (1851)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	32-1/2 (826)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
445TS	27-3/8 (695)	32 (813)	71 (1803)	74-7/8 (1902)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	32-1/2 (826)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)

STUFFING BOX VSCS-PF, VSCS-S, VSCS-D

MOTOR FRAME	DIMENSIONS - INCHES (MM)																	
	CP	HA	HB	HC MAX.	HD	2 HE	HF1	HF2	HH	HM MAX.	HO	HP	HR	S	W	X	YY	Z
286T	35-5/8 (905)	32 (813)	71 (1803)	68-3/4 (1746)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	28 (711)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
324T	35-5/8 (905)	32 (813)	71 (1803)	70-3/4 (1797)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	29-1/8 (740)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
326T	35-5/8 (905)	32 (813)	71 (1803)	72-1/4 (1835)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	29-1/8 (740)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
364TS	35-5/8 (905)	32 (813)	71 (1803)	72-3/8 (1838)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	30-1/4 (768)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
365TS	35-5/8 (905)	32 (813)	71 (1803)	73 (1854)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	30-1/4 (768)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
404TS	35-5/8 (905)	32 (813)	71 (1803)	75-1/4 (1911)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-7/8 (810)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
405TS	35-5/8 (905)	32 (813)	71 (1803)	76-3/4 (1949)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-7/8 (810)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
444TS	35-5/8 (905)	32 (813)	71 (1803)	81-1/8 (2061)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	32-1/2 (826)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)
445TS	35-5/8 (905)	32 (813)	71 (1803)	83-1/8 (2111)	20 (508)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	32-1/2 (826)	37 (940)	6 (152)	3-3/4 (95)	6-1/2 (165)	16 (406)	17 (432)	21 (533)	11 (279)

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

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xylem
Let's Solve Water