

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

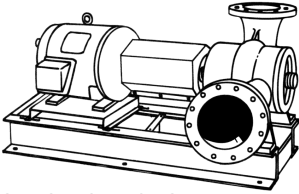
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



12x14x12³/₄L

VSCS Centrifugal Pumps

Base Mounted - Double suction

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

TYPE OF SEAL

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

- ☐ ☐ Standard: Crane Type 2, Buna/Carbon-Ceramic, 140 psig (10 bar) max. suction pressure
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction pressure
Temp. range: -20 to 250 °F (-29 to 121 °C).

Standard Seal Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.

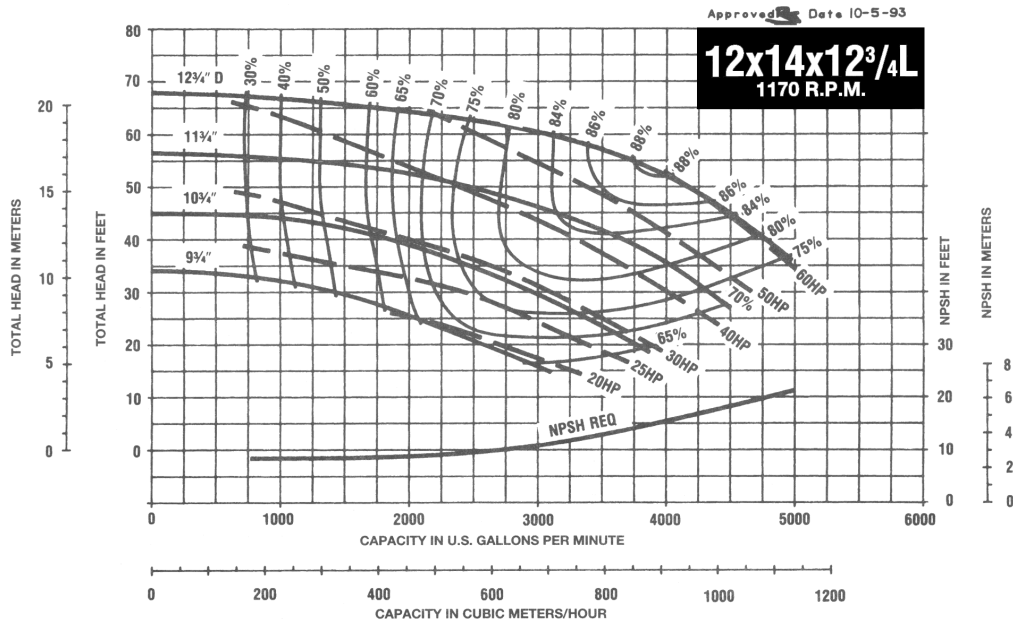
- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 185 psig (13 bar) max. suction pressure
Temp. range: -20 to 250 °F (-29 to 121 °C).

MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

FEATURES

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



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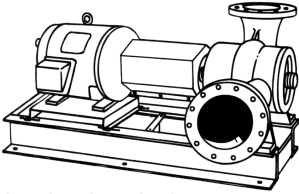
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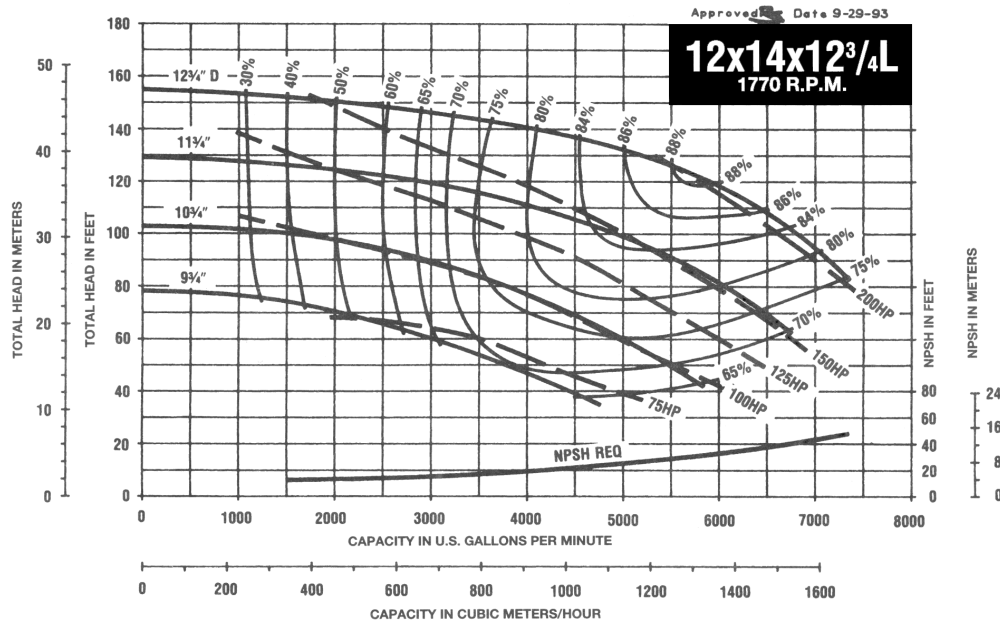
☒ BRONZE FITTED

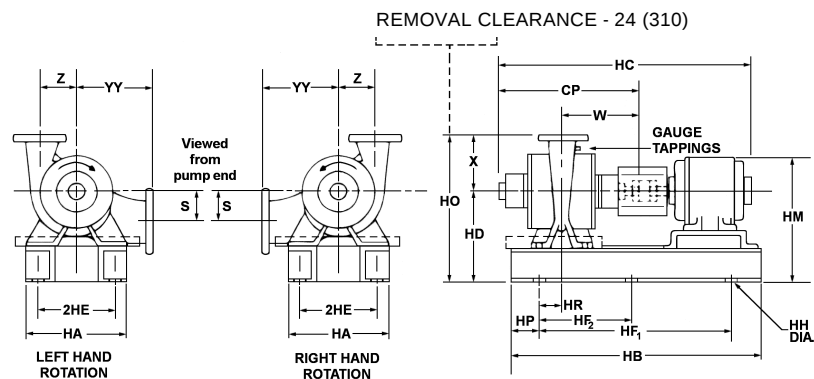
FEATURES

☒ ANSI/OSHA Coupling Guard

☒ Center Drop Out Spacer Coupling

☒ Fabricated Heavy Duty Baseplate





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	12" (305)	2" (51)	20" (508)
Suction	14" (356)	2-3/8" (60)	22-3/8" (568)

DIMENSIONS - Inches (mm)

STANDARD SEAL VSCS, VSCS-F

MOTOR FRAME	DIMENSIONS - INCHES (MM)																	
	CP	HA	HB	HC MAX.	HD	2 HE	HF ₁	HF ₂	HH	HM MAX.	HO	HP	HR	S	W	X	YY	Z
324T	29-1/8 (740)	32 (813)	71 (1803)	63-1/4 (1607)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	30-5/8 (778)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
326T	29-1/8 (740)	32 (813)	71 (1803)	65-3/4 (1670)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	30-5/8 (778)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
364T	29-1/8 (740)	32 (813)	71 (1803)	68 (1727)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-3/4 (806)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
365T	29-1/8 (740)	32 (813)	71 (1803)	68-5/8 (1743)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-3/4 (806)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
364TS	29-1/8 (740)	32 (813)	71 (1803)	65-7/8 (1673)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-3/4 (806)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
365TS	29-1/8 (740)	32 (813)	71 (1803)	66-1/2 (1689)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-3/4 (806)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
404T	29-1/8 (740)	32 (813)	71 (1803)	71-3/4 (1822)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	33-3/8 (848)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
404TS	29-1/8 (740)	32 (813)	71 (1803)	68-3/4 (1746)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	33-3/8 (848)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
405TS	29-1/8 (740)	32 (813)	71 (1803)	70-1/4 (1784)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	33-3/8 (848)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
444TS	29-1/8 (740)	32 (813)	71 (1803)	74-5/8 (1895)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	33-3/8 (848)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
445TS	29-1/8 (740)	32 (813)	71 (1803)	76-5/8 (1946)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	34 (864)	39-1/2 (1003)	6 (152)	3-3/4 (95)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)
250 HP Consult Factory	29-1/8 (740)	36 (914)	*	*	21-1/2 (546)	33 (838)	*	*	1-1/8 (29)	*	39-1/2 (1003)	6 (152)	4-1/2 (114)	6-3/4 (171)	16-5/8 (422)	18 (457)	21 (533)	10-7/8 (276)

*Varies with Motor Manufacturer. 250 HP & over consult factory.

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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