

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

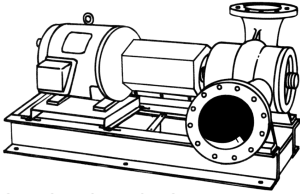
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



10x12x17

VSCS® Centrifugal Pumps

Base Mounted - Double suction

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

TYPE OF SEAL

Stuffing Box Construction, 175 PSIG (12 Bar) working pressure, 125# ANSI flanges.

External flush line to seal.

☐ Standard: -S Configuration, Durametallic RO, Buna/Carbon Ceramic

120 psig (8 bar) max. suction pressure

Temp. range: -20 to 225°F (-29 to 107 °C).

☐ Standard: -S Configuration, Durametallic RO, EPR/Tungsten-Carbon

175 psig (12 bar) max. suction pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).

Stuffing Box Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.

External flush line to seal.

☐ Standard: -S Configuration, Durametallic RO, EPR/Tungsten-Carbon, 275 PSIG (19 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 systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.

MATERIALS OF CONSTRUCTION

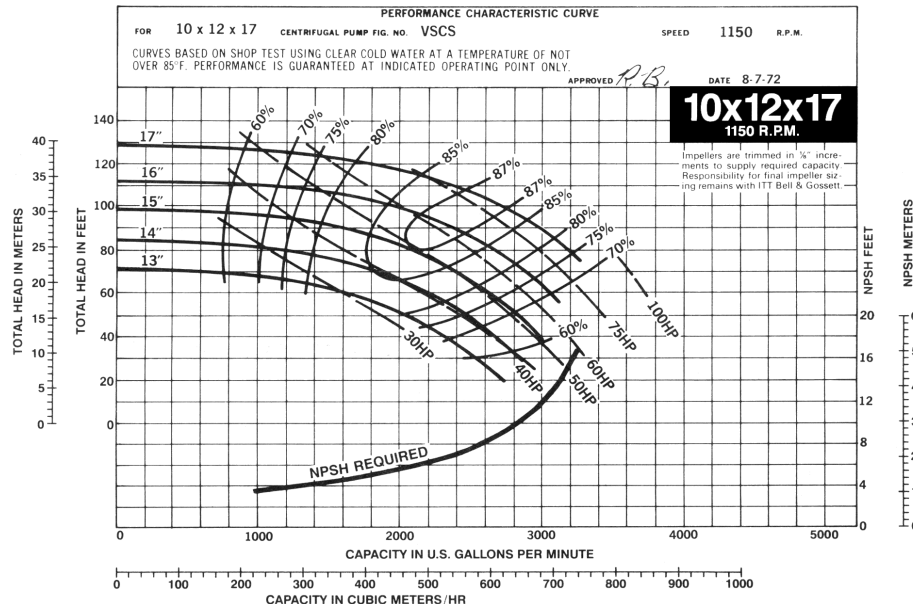
☒ BRONZE FITTED

FEATURES

☒ ANSI/OSHA Coupling Guard

☒ Center Drop Out Spacer Coupling

☒ Fabricated Heavy Duty Baseplate



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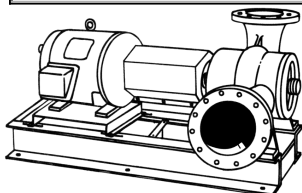
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VSCS® Centrifugal Pumps

Base Mounted - Double suction

SPECIFICATIONS

FLOW HEAD

HP RPM

VOLTS

CYCLE _____ PHASE _____

ENCLOSURE

APPROX. WEIGHT

SPECIALS

TYPE OF SEAL

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

- ☐ Standard: -S Configuration, Durametallic RO, Buna/Carbon Ceramic
120 psig (8 bar) max. suction pressure
Temp. range: -20 to 225°F (-29 to 107 °C).

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

Stuffing Box Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges. External flush line to seal.

- ☐ Standard: -S Configuration, Duralmetallic RO, EPR/Tungsten-Carbon, 275 PSIG (19 Bar) max. suction pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).

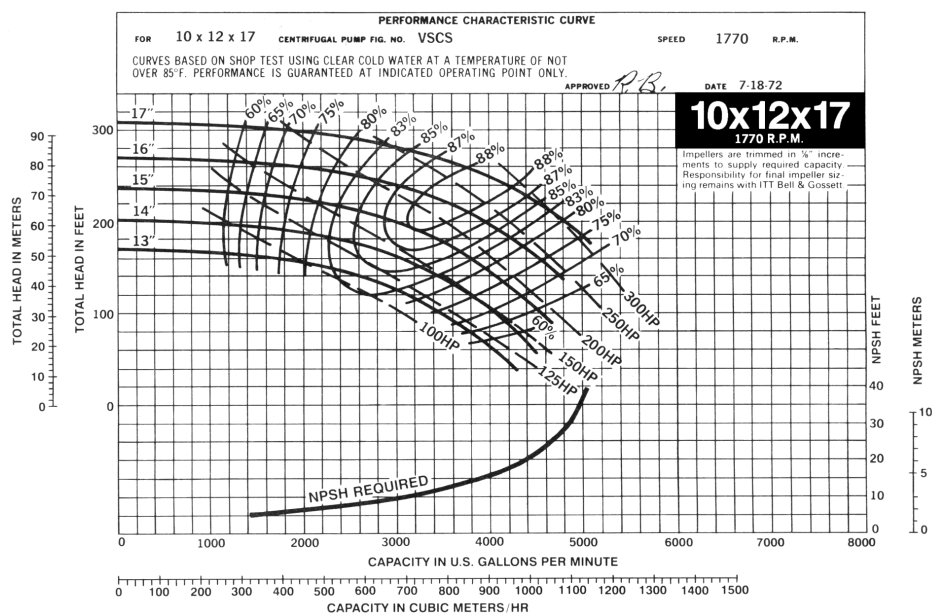
*For operating temperatures above 250°F, a cooled flush is required. On systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.

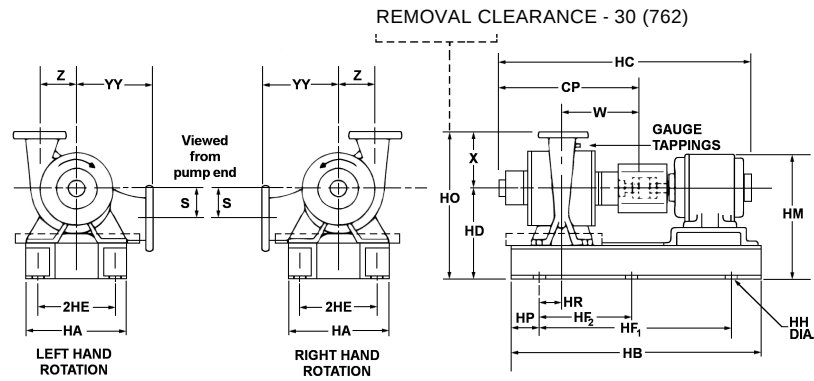
MATERIALS OF CONSTRUCTION

- ☒
- 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	10" (254)	1-7/8 (48)	17 (432)
Suction	12" (305)	2 (51)	20 (508)

DIMENSIONS – Inches (mm)

STUFFING BOX VSCS, VSCS-PF, VSCS-S, VSCS-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	YY	Z
326T	36-1/8 (918)	32 (813)	71 (1803)	72-3/4 (1848)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	30-5/8 (778)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
364T	36-1/8 (918)	32 (813)	71 (1803)	75 (1905)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-3/4 (806)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
365T	36-1/8 (918)	32 (813)	71 (1803)	75-5/8 (1921)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	31-3/4 (806)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
404T	36-1/8 (918)	32 (813)	71 (1803)	78-3/4 (2000)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	33-3/8 (848)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
405T	36-1/8 (918)	32 (813)	71 (1803)	80-1/4 (2038)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	33-3/8 (848)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
444T	36-1/8 (918)	32 (813)	71 (1803)	85-3/8 (2169)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	34 (864)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
404TS	36-1/8 (918)	32 (813)	71 (1803)	75-3/4 (1924)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	33-3/8 (848)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
405TS	36-1/8 (918)	32 (813)	71 (1803)	77-1/4 (1962)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	33-3/8 (848)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
444TS	36-1/8 (918)	32 (813)	71 (1803)	81-5/8 (2073)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	34 (864)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
445TS	36-1/8 (918)	32 (813)	71 (1803)	83-5/8 (2124)	21-1/2 (546)	29-1/2 (749)	59 (1499)	29-1/2 (749)	1-1/8 (29)	34 (864)	40-1/2 (1029)	6 (152)	3-3/4 (95)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
250 HP 1800 RPM	36-1/8 (918)	36 (914)	*	*	21-1/2 (546)	33 (838)	*	*	1-1/8 (29)	*	40-1/2 (1029)	6 (152)	4-1/2 (114)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)
300 HP 1800 RPM	36-1/8 (918)	36 (914)	*	*	21-1/2 (546)	33 (838)	*	*	1-1/8 (29)	*	40-1/2 (1029)	6 (152)	4-1/2 (114)	7 (178)	20-1/8 (511)	19 (483)	21 (533)	12-3/16 (310)

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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