

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

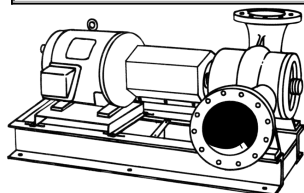
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



8x10x10-1/2 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).

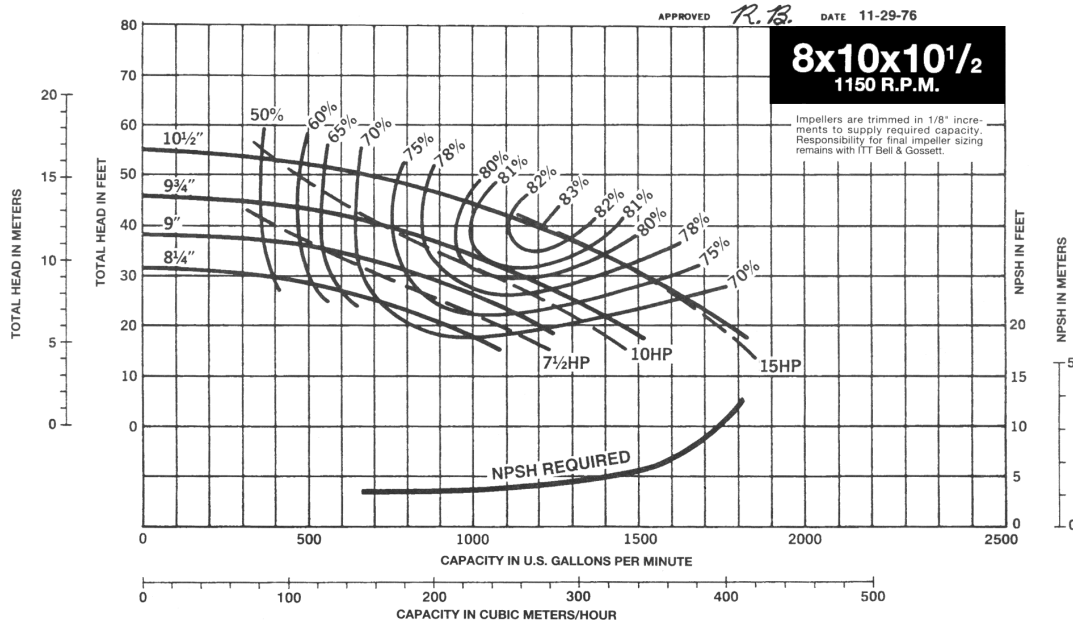
Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.

- ☐ ☐ 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.

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



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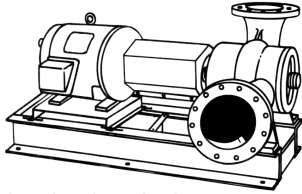
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8x10x10-1/2 VSCS Centrifugal Pumps Base Mounted - Double suction

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

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CYCLE _____ PHASE _____

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SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

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- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

TYPE OF SEAL

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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).
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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).
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Temp. range: -20 to 250 °F (-29 to 121 °C).

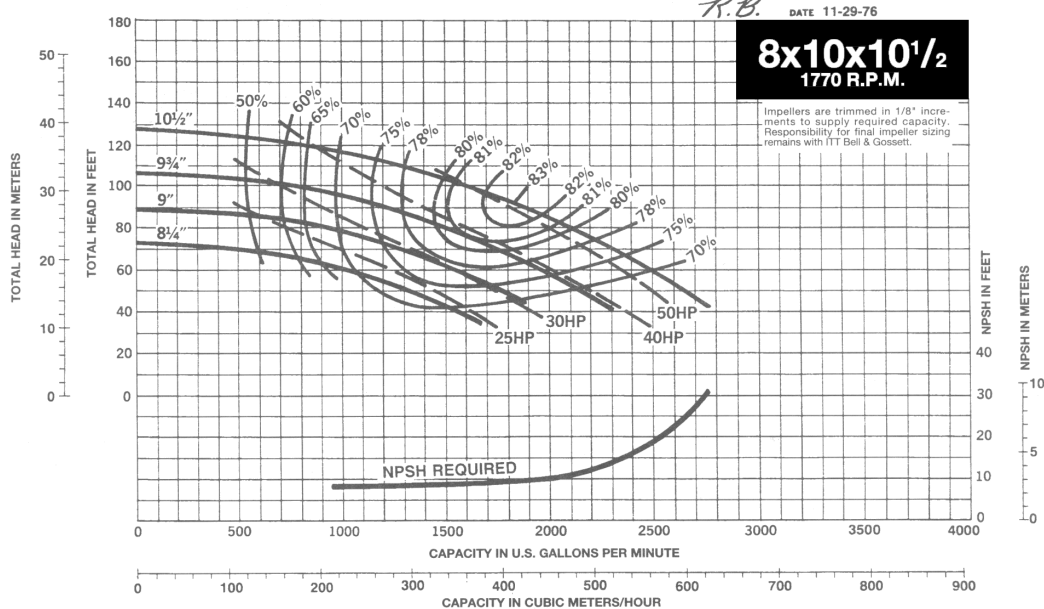
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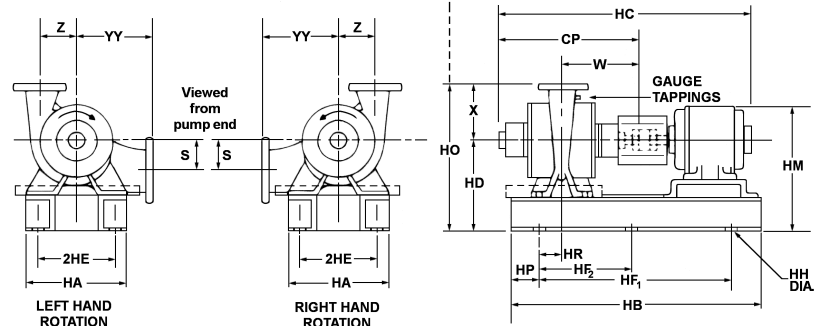
*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.



Series VSCS 8x10x10½ Centrifugal Pump Submittal

B-446.2D

REMOVAL CLEARANCE
STANDARD MECH. SEAL - 24 (610)
STUFFING BOX - 32 (813)



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	8" (203)	1-5/8 (41)	14-3/4 (375)
Suction	10" (254)	1-7/8 (48)	17 (432)

DIMENSIONS - Inches (mm)

STANDARD SEAL VSCS, VSCS-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	YY	Z
254T	23-15/16 (608)	26 (660)	53-3/4 (1365)	53-1/8 (1349)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	13-1/2 (343)	14 (356)	17 (432)	8-1/2 (216)
256T	23-15/16 (608)	26 (660)	53-3/4 (1365)	54-7/8 (1394)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	13-1/2 (343)	14 (356)	17 (432)	8-1/2 (216)
284T	23-15/16 (608)	26 (660)	53-3/4 (1365)	55-1/2 (1410)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	23-1/2 (597)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	13-1/2 (343)	14 (356)	17 (432)	8-1/2 (216)
286T	23-15/16 (608)	26 (660)	53-3/4 (1365)	57 (1448)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	23-1/2 (597)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	13-1/2 (343)	14 (356)	17 (432)	8-1/2 (216)
324T	23-15/16 (608)	26 (660)	53-3/4 (1365)	59-1/8 (1502)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	24-5/8 (625)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	13-1/2 (343)	14 (356)	17 (432)	8-1/2 (216)
326T	23-15/16 (608)	26 (660)	53-3/4 (1365)	60-5/8 (1540)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	24-5/8 (625)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	13-1/2 (343)	14 (356)	17 (432)	8-1/2 (216)
364TS	23-15/16 (608)	26 (660)	53-3/4 (1365)	60-5/8 (1540)	16 (406)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	26-1/4 (667)	30 (762)	6 (152)	3 (76)	4-1/2 (114)	13-1/2 (343)	14 (356)	17 (432)	8-1/2 (216)

STUFFING BOX 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
254T	31-9/16 (802)	26 (660)	53-3/4 (1365)	60-3/4 (1543)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	17-1/16 (433)	14 (356)	17 (432)	8-1/2 (216)
256T	31-9/16 (802)	26 (660)	59-1/4 (1505)	62-1/2 (1588)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	22-3/8 (568)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	17-1/16 (433)	14 (356)	17 (432)	8-1/2 (216)
284T	31-9/16 (802)	26 (660)	59-1/4 (1505)	63-1/8 (1603)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	23-1/2 (597)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	17-1/16 (433)	14 (356)	17 (432)	8-1/2 (216)
286T	31-9/16 (802)	26 (660)	59-1/4 (1505)	64-5/8 (1641)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	23-1/2 (597)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	17-1/16 (433)	14 (356)	17 (432)	8-1/2 (216)
324T	31-9/16 (802)	26 (660)	59-1/4 (1505)	66-3/4 (1695)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	24-5/8 (625)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	17-1/16 (433)	14 (356)	17 (432)	8-1/2 (216)
326T	31-9/16 (802)	26 (660)	59-1/4 (1505)	68-1/4 (1734)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	24-5/8 (625)	29-1/2 (749)	6 (152)	3 (76)	4-1/2 (114)	17-1/16 (433)	14 (356)	17 (432)	8-1/2 (216)
364TS	31-9/16 (802)	26 (660)	59-1/4 (1505)	68-1/4 (1734)	16 (406)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	26-1/4 (667)	30 (762)	6 (152)	3 (76)	4-1/2 (114)	17-1/16 (433)	14 (356)	17 (432)	8-1/2 (216)

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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