

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

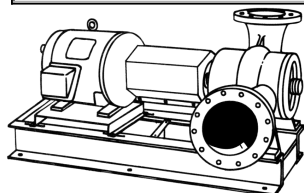
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



8x10x11-3/4L 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.

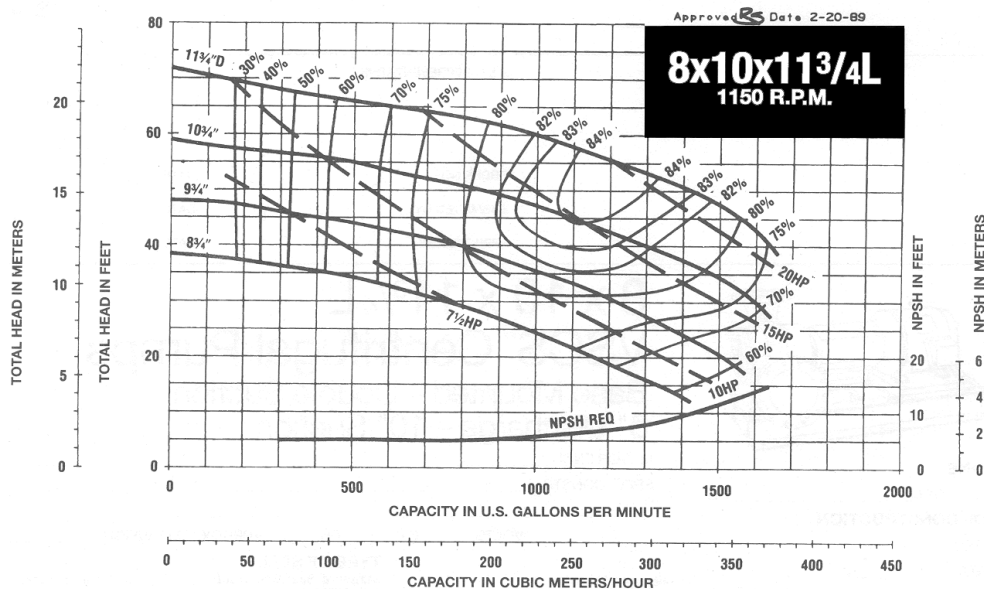
- ☐ ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction
pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).
- ☐ ☐ Optional: -PF Configuration
Packing (Non-Asbestos)

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.

PERFORMANCE CHARACTERISTIC CURVE



JOB:

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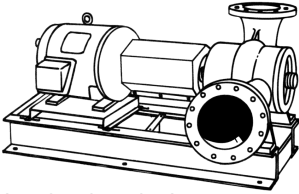
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8x10x11-3/4L VSCS Centrifugal Pumps Base Mounted - Double suction

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

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☒ 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
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- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 240 psig (16 bar) max. suction pressure
Temp. range: -20 to 250 °F (-29 to 121 °C).

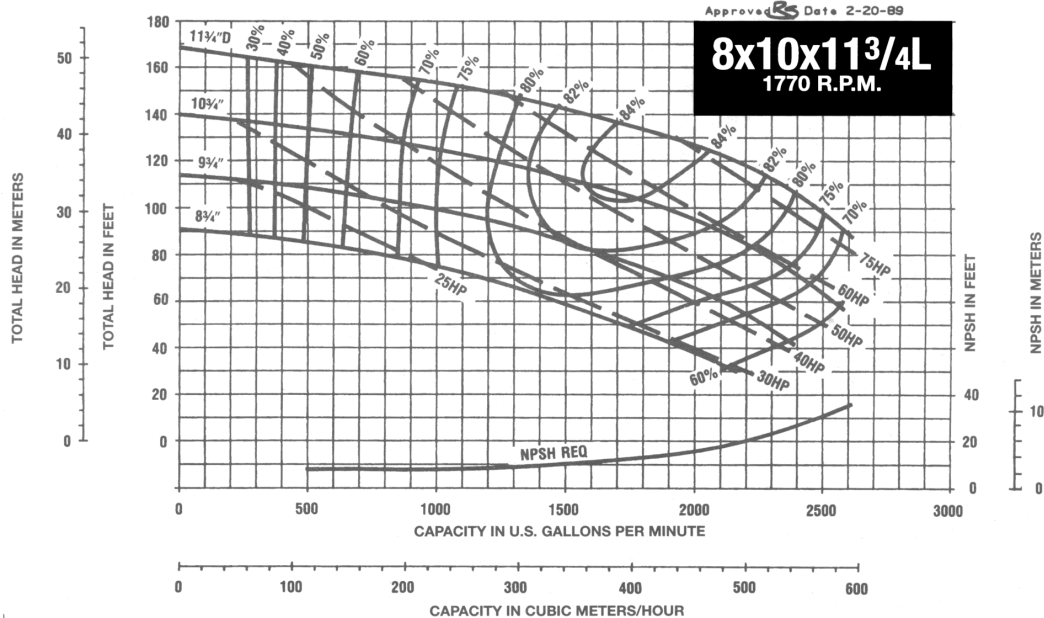
Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.

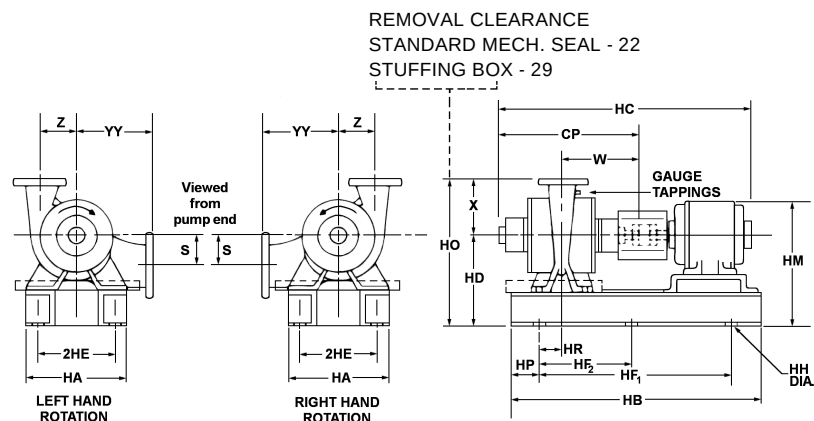
- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction
pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).
- ☐ Optional: -PF Configuration
Packing (Non-Asbestos)

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.





FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	8"	1-5/8" (37)	14-3/4" (375)
Suction	10"	1-7/8" (48)	17" (432)

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 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
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)
365TS	23-15/16 (608)	26 (660)	53-3/4 (1365)	61-1/4 (1556)	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	2 HE	HF1	HF2	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 (434)	14 (356)	17 (432)	8-1/2 (216)
256T	31-9/16 (802)	26 (660)	53-3/4 (1365)	62-1/2 (1588)	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 (434)	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 (434)	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 (434)	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 (434)	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 (434)	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 (434)	14 (356)	17 (432)	8-1/2 (216)
365TS	31-9/16 (802)	26 (660)	59-1/4 (1505)	68-7/8 (1749)	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 (434)	14 (356)	17 (432)	8-1/2 (216)

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

*Add 1/2" to these dimensions if a drip pan is used.

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www.bellgossett.com

xylem
Let's Solve Water

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