

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

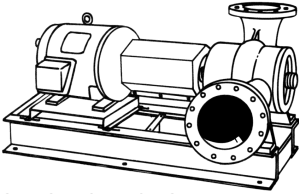
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



6x8x9³/₄HL

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.

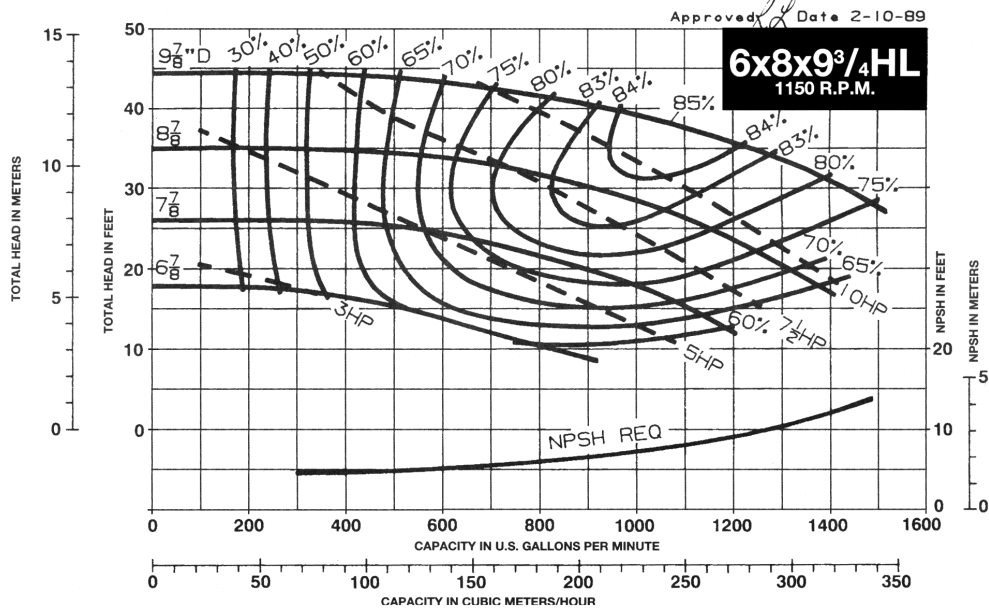
☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction
pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).

☐ 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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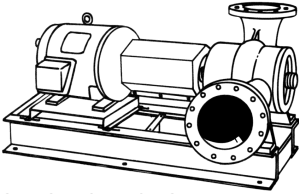
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std. flush(-F)

- ☐ ☐ 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).

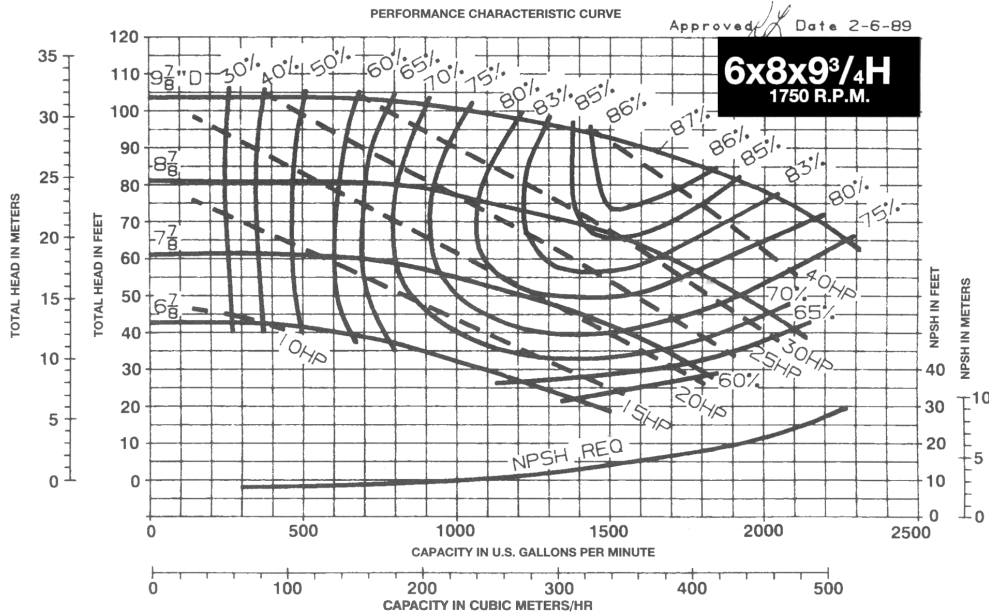
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- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction
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- ☐ Optional: -PF Configuration
Packing (Non-Asbestos)

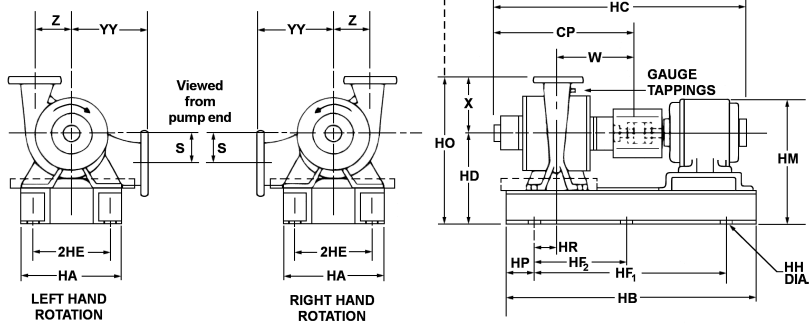
Stuffing Box Construction, 300 PSIG (20 Bar) working press., 250# ANSI flanges. External flush to seal.

- ☐ 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.



REMOVAL CLEARANCE
STANDARD MECH. SEAL - 22
STUFFING BOX - 29



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
213T	21-3/4 (552)	26 (660)	53-3/4 (1365)	45-5/8 (1159)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	21-3/8 (543)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	12-1/8 (308)	12-1/2 (318)	16 (406)	8-1/4 (210)
215T	21-3/4 (552)	26 (660)	53-3/4 (1365)	47-1/8 (1197)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	21-3/8 (543)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	12-1/8 (308)	12-1/2 (318)	16 (406)	8-1/4 (210)
254T	21-3/4 (552)	26 (660)	53-3/4 (1365)	50-7/8 (1292)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	12-1/8 (308)	12-1/2 (318)	16 (406)	8-1/4 (210)
256T	21-3/4 (552)	26 (660)	53-3/4 (1365)	52-5/8 (1337)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	12-1/8 (308)	12-1/2 (318)	16 (406)	8-1/4 (210)
284T	21-3/4 (552)	26 (660)	53-3/4 (1365)	53-3/8 (1356)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	23-1/2 (597)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	12-1/8 (308)	12-1/2 (318)	16 (406)	8-1/4 (210)
286T	21-3/4 (552)	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)	23-1/2 (597)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	12-1/8 (308)	12-1/2 (318)	16 (406)	8-1/4 (210)
324T	21-3/4 (552)	26 (660)	53-3/4 (1365)	56-7/8 (1445)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	24-5/8 (625)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	12-1/8 (308)	12-1/2 (318)	16 (406)	8-1/4 (210)
326T	21-3/4 (552)	26 (660)	53-3/4 (1365)	58-3/8 (1483)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	24-5/8 (625)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	12-1/8 (308)	12-1/2 (318)	16 (406)	8-1/4 (210)

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
213T	28-11/16 (729)	26 (660)	53-3/4 (1365)	52-5/8 (1337)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	21-3/8 (543)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	15-15/16 (405)	12-1/2 (318)	16 (406)	8-1/4 (210)
215T	28-11/16 (729)	26 (660)	53-3/4 (1365)	54-1/8 (1375)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	21-3/8 (543)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	15-15/16 (405)	12-1/2 (318)	16 (406)	8-1/4 (210)
254T	28-11/16 (729)	26 (660)	53-3/4 (1365)	57-7/8 (1470)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	15-15/16 (405)	12-1/2 (318)	16 (406)	8-1/4 (210)
256T	28-11/16 (729)	26 (660)	53-3/4 (1365)	59-5/8 (1514)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	15-15/16 (405)	12-1/2 (318)	16 (406)	8-1/4 (210)
284T	28-11/16 (729)	26 (660)	59-1/4 (1505)	60-1/4 (1530)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	23-1/2 (597)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	15-15/16 (405)	12-1/2 (318)	16 (406)	8-1/4 (210)
286T	28-11/16 (729)	26 (660)	59-1/4 (1505)	61-3/4 (1568)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	23-1/2 (597)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	15-15/16 (405)	12-1/2 (318)	16 (406)	8-1/4 (210)
324T	28-11/16 (729)	26 (660)	59-1/4 (1505)	63-7/8 (1622)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	24-5/8 (625)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	15-15/16 (405)	12-1/2 (318)	16 (406)	8-1/4 (210)
326T	28-11/16 (729)	26 (660)	59-1/4 (1505)	65-3/8 (1661)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	24-5/8 (625)	28 (711)	6 (152)	4-3/8 (111)	5 (127)	15-15/16 (405)	12-1/2 (318)	16 (406)	8-1/4 (210)

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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