

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

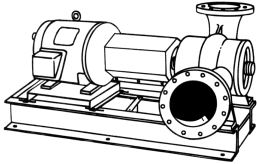
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



6x8x9³/₄B **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).

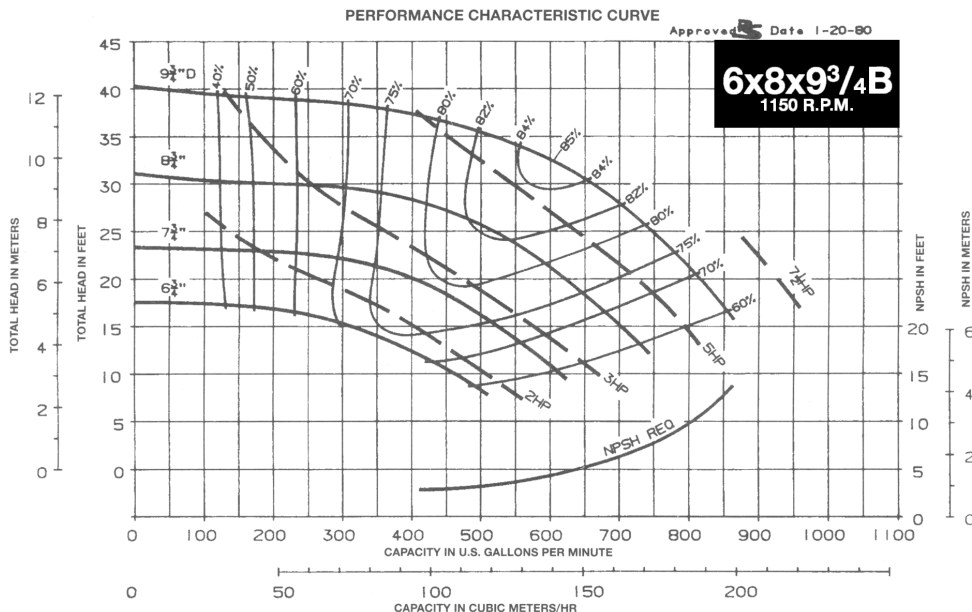
Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.

- ☐ 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
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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.



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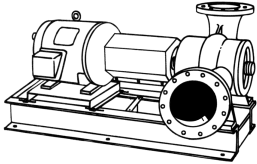
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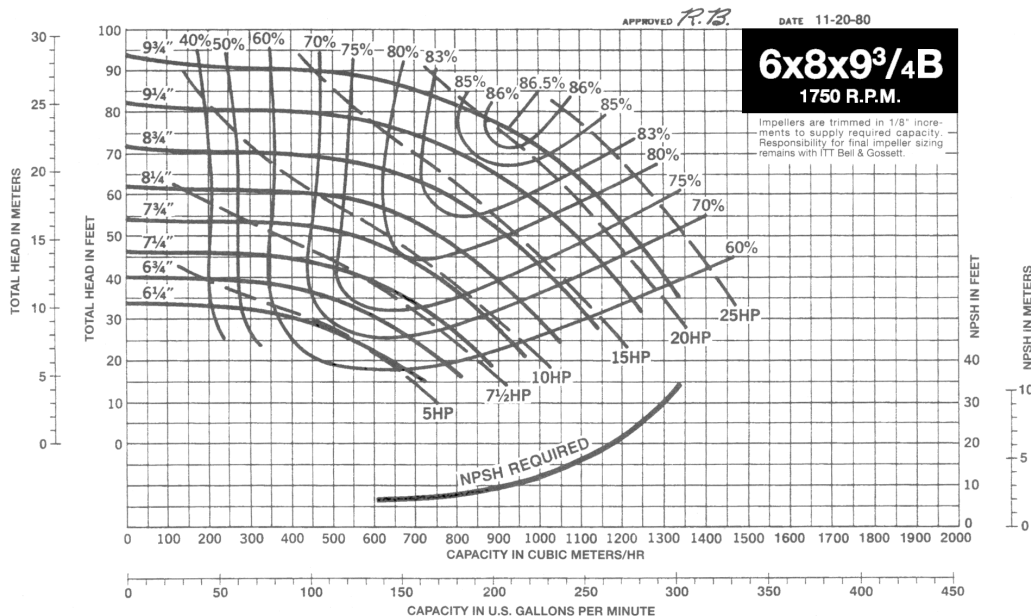
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Packing (Non-Asbestos)

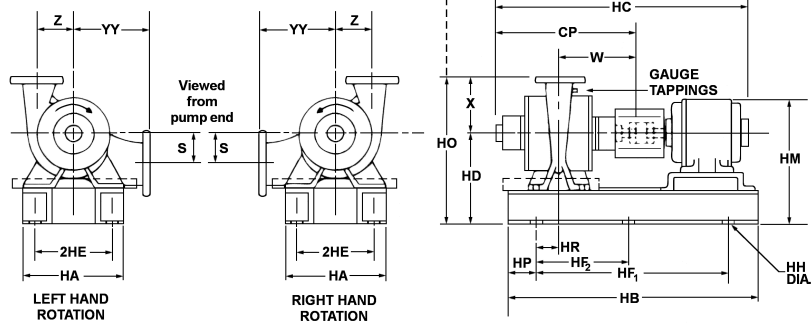
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REMOVAL CLEARANCE
STANDARD MECH. SEAL - 23 (584)
STUFFING BOX - 30 (762)



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	6" (152)	1-7/16" (37)	12-1/8" (308)
Suction	8" (203)	1-5/8" (41)	14-3/4" (375)

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
213T	22-3/4 (578)	26 (660)	53-3/4 (1365)	46-5/8 (1184)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	21-3/8 (543)	27 (686)	6 (152)	3 (76)	3 (76)	13-1/2 (343)	11-1/2 (292)	15 (381)	8 (203)
215T	22-3/4 (578)	26 (660)	53-3/4 (1365)	48-1/8 (1222)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	21-3/8 (543)	27 (686)	6 (152)	3 (76)	3 (76)	13-1/2 (343)	11-1/2 (292)	15 (381)	8 (203)
254T	22-3/4 (578)	26 (660)	53-3/4 (1365)	51-7/8 (1318)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	27 (686)	6 (152)	3 (76)	3 (76)	13-1/2 (343)	11-1/2 (292)	15 (381)	8 (203)
256T	22-3/4 (578)	26 (660)	53-3/4 (1365)	53-5/8 (1362)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	27 (686)	6 (152)	3 (76)	3 (76)	13-1/2 (343)	11-1/2 (292)	15 (381)	8 (203)
284T	22-3/4 (578)	26 (660)	53-3/4 (1365)	54-3/8 (1381)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	23-1/2 (597)	27 (686)	6 (152)	3 (76)	3 (76)	13-1/2 (343)	11-1/2 (292)	15 (381)	8 (203)

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
213T	30-3/8 (772)	26 (660)	53-3/4 (1365)	54-1/4 (1378)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	21-3/8 (543)	27 (686)	6 (152)	3 (76)	3 (76)	17-5/16 (440)	11-1/2 (292)	15 (381)	8 (203)
215T	30-3/8 (772)	26 (660)	53-3/4 (1365)	55-3/4 (1416)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	21-3/8 (543)	27 (686)	6 (152)	3 (76)	3 (76)	17-5/16 (440)	11-1/2 (292)	15 (381)	8 (203)
254T	30-3/8 (772)	26 (660)	53-3/4 (1365)	59-1/2 (1511)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	27 (686)	6 (152)	3 (76)	3 (76)	17-5/16 (440)	11-1/2 (292)	15 (381)	8 (203)
256T	30-3/8 (772)	26 (660)	53-3/4 (1365)	61-1/4 (1556)	15-1/2 (394)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	22-3/8 (568)	27 (686)	6 (152)	3 (76)	3 (76)	17-5/16 (440)	11-1/2 (292)	15 (381)	8 (203)
284T	30-3/8 (772)	26 (660)	59-1/4 (1505)	62 (1575)	15-1/2 (394)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	23-1/2 (597)	27 (686)	6 (152)	3 (76)	3 (76)	17-5/16 (440)	11-1/2 (292)	15 (381)	8 (203)

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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