

Series 4270

SUBMITTAL

JOB: _____ _____ ENGINEER: _____ CONTRACTOR: _____	REPRESENTATIVE: _____ _____ ORDER NO: _____ DATE: _____ SUBMITTED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____
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PUMP DESIGN DATA			
NO. OF PUMPS:	TAG:		
CAPACITY:	USgpm (L/s)	HEAD:	ft. (m)
LIQUID:	VISCOSITY:		
TEMPERATURE:	°F (°C)	SPECIFIC GRAVITY:	

MOTOR DESIGN DATA			
HP:		RPM: ☐ 1800 ☐ 3600	
FRAME SIZE:		ENCLOSURE: 50J	
VOLTS:	HERTZ: 60 Hz	PHASE: ☐ 1 Phase ☐ 3 Phase	
EFFICIENCY: Standard			

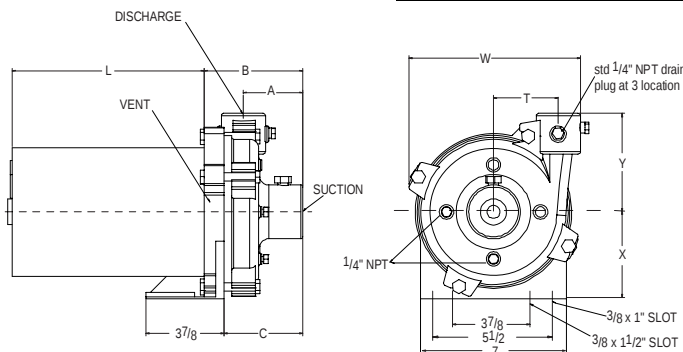
MATERIALS OF CONSTRUCTION		
CONSTRUCTION	BRONZE FITTED	ALL BRONZE
IMPELLER	☐ Ultem	☐ Bronze
CASING/VOLUTE	Cast Iron	Bronze
O-RING	Viton	
ADAPTER	Aluminum	
SHAFT	416 Stainless Steel	

MECHANICAL SEAL DESIGN DATA	
SEAL TYPE	21
INSERT	Carbon
SEAT	Ceramic
BELLOWS	Viton
L-CUP	Viton
RETAINER	Stainless steel
SPRING	Stainless steel

OPTIONAL EQUIPMENT	
☐ FLUSHLINE	

- FOR EXACT INSTALLATION DATA PLEASE WRITE FACTORY FOR CERTIFIED DIMENSIONS
- SEE PERFORMANCE CURVES ON PAGE 2

MAXIMUM PUMP OPERATING CONDITIONS	
WORKING PRESSURE	150 psi (1034 kPa)
OPERATING TEMPERATURE	275°F (135°C)



Pump equipped with 1/4" NPT Casing drain plug, suction and discharge gauge ports.

DIMENSIONS	
Motor HP	L
1/3	9 ² / ₇ (236)
1/2	9 ² / ₇ (236)
3/4	9 ² / ₇ (236)
1	9 ⁷ / ₉ (248)
1 1/2	10 ² / ₁₁ (259)
2	11 ² / ₁₁ (284)
3	11 ² / ₁₁ (284)
5	11 ³ / ₈ (289)

Note: Dimensions (L) are in inches (mm).

DIMENSIONAL DATA - PUMPS WITH ODP MOTORS			
Suction x Discharge	1 1/4" x 1"	1 1/2" x 1 1/4"	2" x 1 1/2"
A	2 ⁷ / ₈ (73.03)	2 ⁷ / ₈ (73.03)	2 ⁷ / ₈ (73.03)
B	4 ³ / ₄ (120.65)	4 ³ / ₄ (120.65)	4 ³ / ₄ (120.65)
C	3 ¹³ / ₁₆ (96.84)	3 ¹³ / ₁₆ (96.84)	3 ¹³ / ₁₆ (96.84)
W	8 ¹ / ₄ (209.55)	8 ¹ / ₄ (209.55)	8 ¹ / ₄ (209.55)
T	3 ¹ / ₈ (79.38)	3 ¹ / ₈ (79.38)	3 ¹ / ₈ (79.38)
X	4 ³ / ₁₆ (106.36)	4 ³ / ₁₆ (106.36)	4 ³ / ₁₆ (106.36)
Y	4 ³ / ₄ (120.65)	4 ³ / ₄ (120.65)	4 ³ / ₄ (120.65)

Note: Dimensions are in inches (mm).

Dimensions shown are for reference only. For exact installation data, consult factory

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