



a xylem brand

A-C FIRE PUMP SYSTEMS

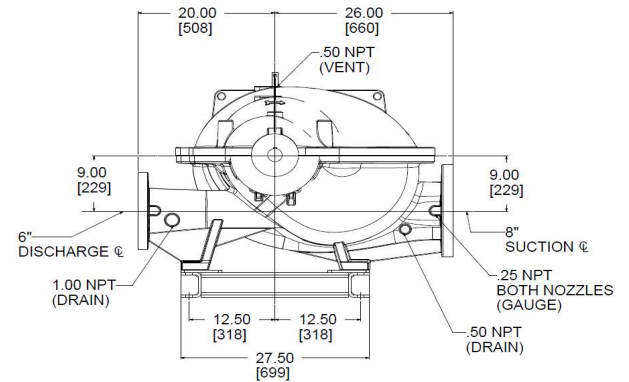
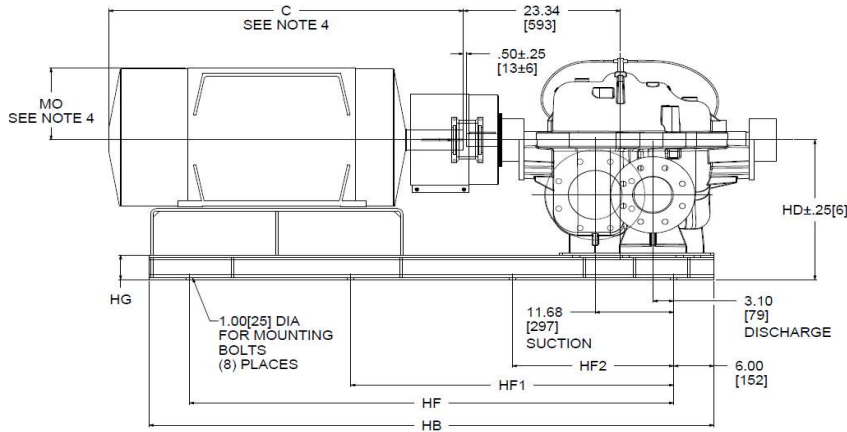
Dimensions - Horizontal

Electric Motor Driven Fire Pumps

SUBMITTAL
ACFP-8250-SUB-580 R1

August 2024

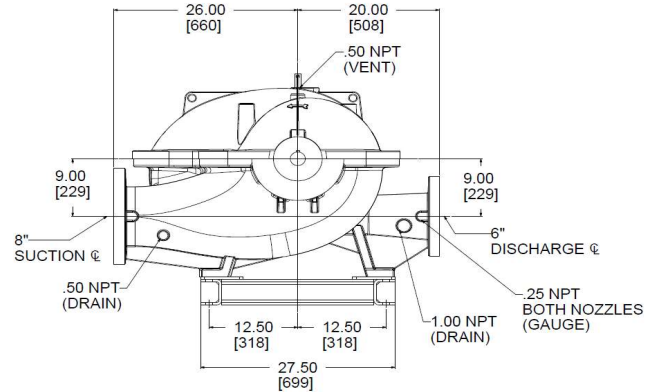
8X6X13F-L - 8250 Series



CW ROTATION VIEWED FROM COUPLING END

MOTOR FRAME	C	MO	HB	HF	HF1	HF2	HD	HG
447	47.60 (1209)	12.10 (307)	84.00 (2134)	72.00 (1829)	48.00 (1219)	24.00 (610)	22.88 (581)	4.00 (102)
449	52.60 (1336)							
5010S	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F

C/F - consult factory



CCW ROTATION VIEWED FROM COUPLING END

NOTES:

1. ALL DIMENSIONS ARE INCHES [mm].
2. SUCTION AND DISCHARGE CONNECTIONS ARE DRILLED PER 125# ANSI B16.42. PUMPS WITH "H" PREFIX HAVE DISCHARGE CONNECTION DRILLED PER 250# ANSI B16.42. FLANGE HOLES STRADDLE CENTERLINE.
3. BASE PLATE SETTING (BEFORE PIPING), GROUTING PROCEDURES, AND FINAL ALIGNMENT MUST BE IN ACCORDANCE WITH A-C FIRE PUMPS SYSTEMS RECOMMENDED PROCEDURES OUTLINED IN THE INSTRUCTION MANUAL ASSOCIATED WITH THIS PUMP TYPE.
4. MOTOR DIMENSIONS ARE APPROXIMATE FOR A GIVEN NEMA FRAME. CONSULT FACTORY IF SPACE IS LIMITED.
5. BOTH SUCTION AND DISCHARGE PIPES MUST BE SUPPORTED INDEPENDENTLY NEAR THE PUMP TO REDUCE STRAIN ON THE PUMP CASING. ALSO EXPANSION JOINTS, IF USED, MUST NOT EXERT FORCE ON CASING.
6. COUPLING GUARD MEETS ANSI/OSHA REQUIREMENTS.
7. CONSULT FACTORY FOR BASE MOUNTED CONTROLLER.

NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED								
CERTIFIED FOR:						APPROVAL		
						UL FM ULC ☐ ☐ ☐		
CUSTOMER ORDER NO.:				TAG NO.			FLANGES	
PUMP DATA	SIZE	MODEL	CURVE NO.	GPM	HEAD	ROTATION	SUCTION	DISCH.
MOTOR DATA	HP	RPM	VOLTS	PHASE	HERTZ	FRAME SIZE	ENCLOSURE	
SHOP ORDER:			CERTIFIED BY:			DATE:		

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Let's Solve Water

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Learn more about
Series 8250 Fire Pumps

