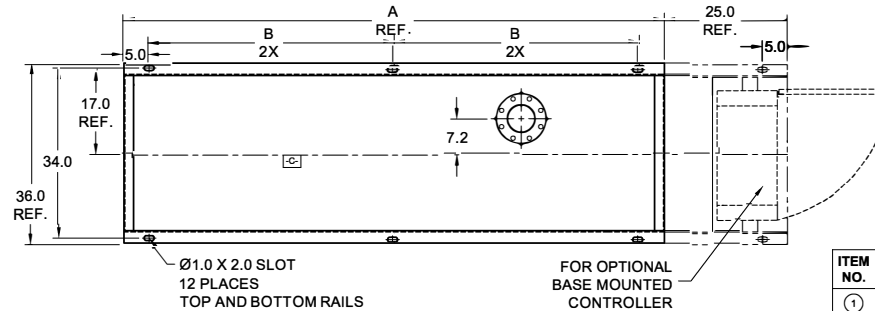


**Series 8250 (JW6H)
Non-Emission Engine Models**

DRAWING
C139350 RevA

- A- MOUNTING FACE OF FLYWHEEL
- B- ENGINE CRANKSHAFT HORIZONTAL CENTERLINE
- C- ENGINE CRANKSHAFT VERTICAL CENTERLINE
- D- PUMP SHAFT HORIZONTAL CENTERLINE



Learn more about
Series 8250 Fire Pumps

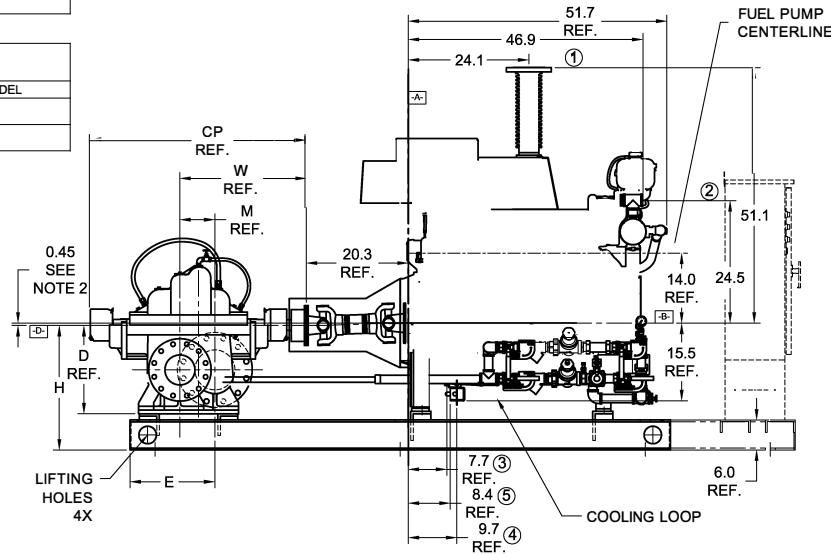
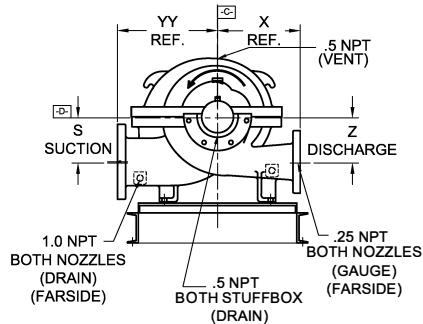


UL LISTED DRIVESHAFTS	
ENGINE MODEL	DRIVESHAFT MODEL
JW6H-UFAA80	CDS50-SC*

*2100 RPM ONLY

NON-LISTED DRIVESHAFTS	
ENGINE MODEL	DRIVESHAFT MODEL
JW6H-UFAA80	SC81A**
JW6H-UFAA80	SC81A***

2350 RPM ONLY, *1760 RPM ONLY



ITEM NO.	DESCRIPTION	CONNECTION SIZE
①	EXHAUST OUTLET CONNECTION	6" 150# FLG.
②	RAW WATER OUTLET	SEE NOTE 6.
③	FUEL SUPPLY CONNECTION	1/2" NPTF
④	FUEL RETURN CONNECTION	3/8" NPTF
⑤	HEATER JUNCTION BOX	VOLTAGE REQUIREMENTS: AC CONNECTION HEATER 2500 WATTS STD- 230 VAC ±5%-10%

NOTES:

- GENERAL TOLERANCE: UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES AND VARY 0.38".
- THE DRIVE SHAFT IS DESIGNED TO OPERATE AT A 2° ANGLE WITH THE INPUT AND OUTPUT SHAFTS IN PARALLEL. THE ENGINE CRANKSHAFT IS TO BE SET WITH A PARALLEL OFFSET OF 0.45 ± 0.11 INCHES VERTICALLY ABOVE THE PUMP SHAFT AND 0.00" ± 0.11 INCH PARALLEL OFFSET HORIZONTALLY RIGHT OR LEFT OF THE PUMP SHAFT. REFER TO THE CERTIFIED DRIVESHAFT INSTRUCTIONS MANUAL FOR ALIGNMENT INSTRUCTIONS.
- BASE MUST BE COMPLETELY FILLED WITH GROUT PER NFPA 20.
- PUMP IS CW (CLOCKWISE) ROTATION WHEN VIEWED FROM THE COUPLING END.
- SUCTION AND DISCHARGE FLANGES DRILLED PER ANSI B16.1 (IF APPLICABLE).
- RAW WATER DRAIN PIPING SIZE VARIES BASED UPON SITE CONDITIONS. ENGINE CONN. SIZE: 1-1/2" NPT.
- CAUTION: ALL PLUMBING MUST BE SUPPORTED AND/OR ISOLATED SO THAT NO WEIGHT OR STRESS IS APPLIED TO ANY ENGINE COMPONENT.
- CAUTION: SPREADER BARS REQUIRED TO MOVE PACKAGE. DAMAGE DUE TO IMPROPER HANDLING IS NOT WARRANTABLE.

PUMP TYPE	PUMP SIZE		DIMENSIONS											
	SUCT.	DISCH.	A	B	H	E	M	W	CP	D	YY	X	S	Z
8x6x13F	8	6	118.0	54.0	26.0	27.2	23.2	22.8	46.0	18.5	26.0	20.0	9.0	9.0

ALL VIEWS 3rd ANGLE PROJECTION

NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED.							
CERTIFIED FOR:				APPROVAL			
CUSTOMER ORDER NO:				IDENTIFICATION NO:			
PUMP DATA	SIZE	MODEL	CURVE NO.	GPM	HEAD (FT.)	ROTATION	FLANGES
						CW	SUCTION DISCHARGE
ENGINE DATA	MAKE	MODEL	HP	RPM	VOLTAGE	POLARITY	MAX ALTITUDE
	CLARKE					NEG.	
SHOP ORDER:		CERTIFIED BY:		TOTAL WEIGHT		DATE:	