

Series 8250 (DR8H) Non-Emission Engine Models

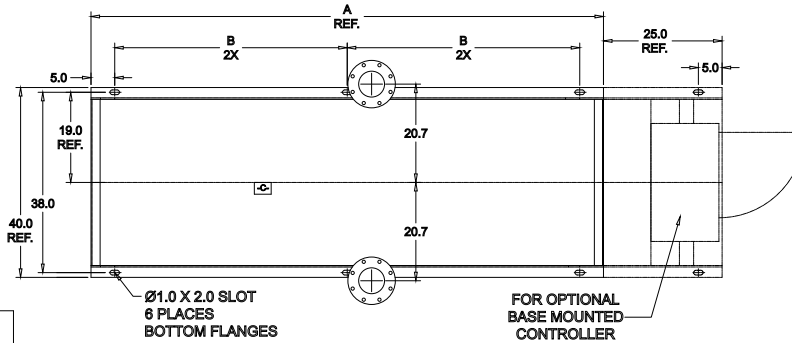
DRAWING
C139355 RevA

Learn more about
Series 8250 Fire Pumps



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

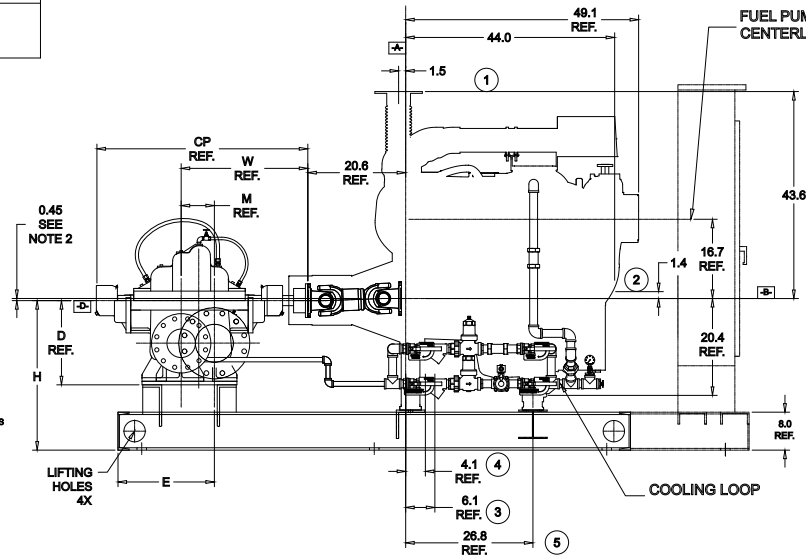
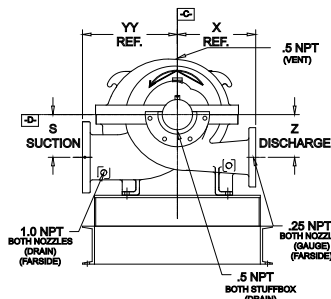
NON-LISTED DRIVESHAFT	
ENGINE MODEL	DRIVESHAFT MODEL
DR8H-UFAA40, -UFAA5G, -UFAA68, -UFAA62	SC2160A



ITEM NO.	DESCRIPTION	CONNECTION SIZE
①	EXHAUST OUTLET CONNECTION	5" FLEX EXHAUST
②	RAW WATER OUTLET	SEE NOTE 6.
③	FUEL SUPPLY CONNECTION	3/4" NPTF
④	FUEL RETURN CONNECTION	1/2" 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 ± 0.15 INCHES VERTICALLY ABOVE THE PUMP SHAFT AND $0.00" \pm 0.15$ INCHES 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	32.0	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	SUCTION	DISCHARGE
ENGINE DATA		MAKE	MODEL	HP	RPM	VOLTAGE	POLARITY	MAX ALTITUDE	
SHOP ORDER:		CERTIFIED BY:				TOTAL WEIGHT		DATE:	