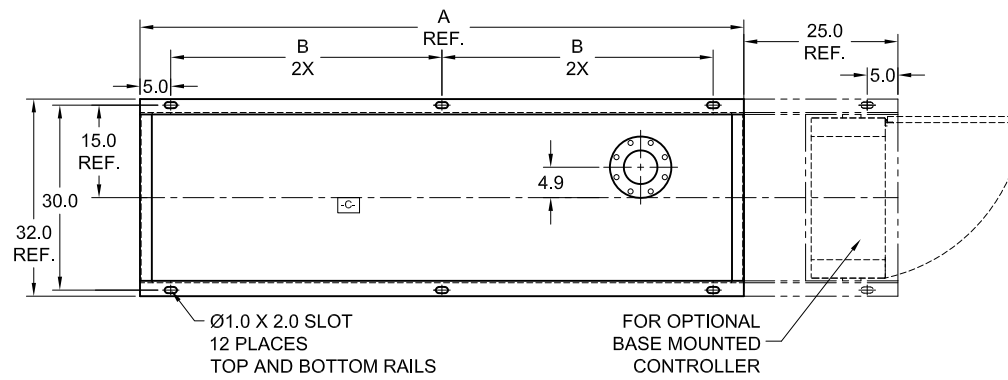


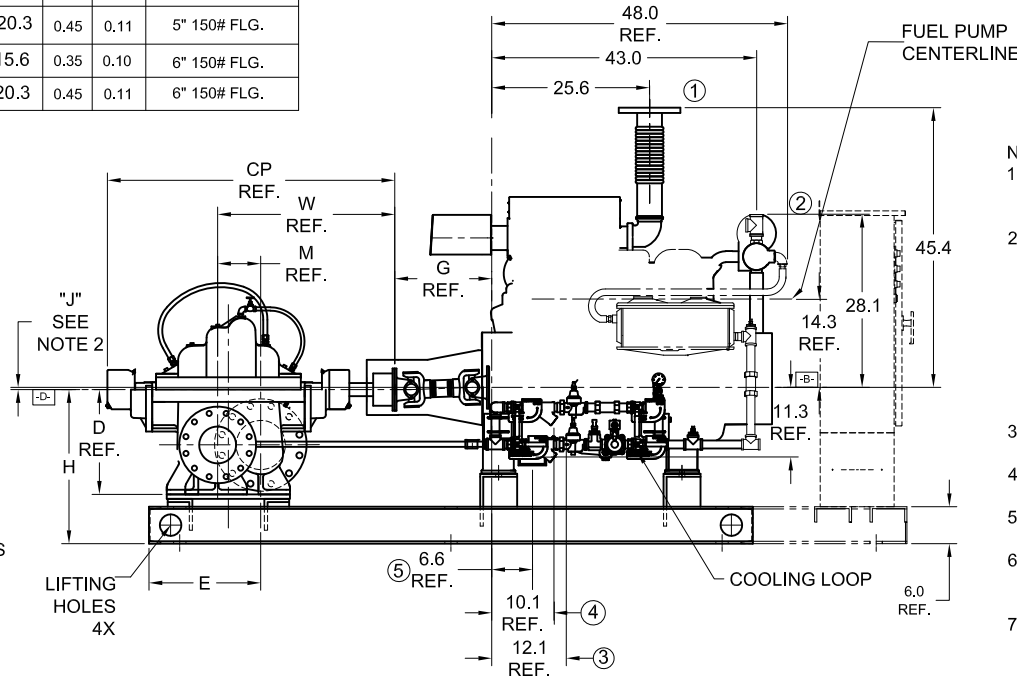
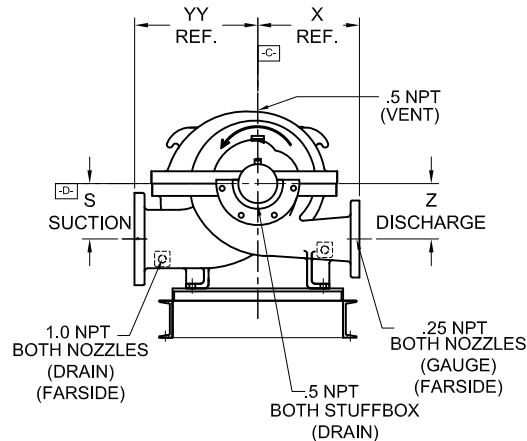
CLARKE FIRE PUMP DRIVERS EPA NSPS TIER 1 ENGINE MODELS HSC 8200 SERIES PUMPS

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



UL LISTED DRIVESHAFTS						
ENGINE MODEL	DRIVESHAFT MODEL	DIM:G	DIM:J	DIM:K	EXHAUST SIZE	
JU6H-UF60*, 62*, 84	TRWA	CDS30-S1	15.6	0.35	0.10	5" 150# FLG.
JU6H-UFAAQ8, AARG, AAPG, AAS0, AAT8	TRWA	CDS50-SC	20.3	0.45	0.11	5" 150# FLG.
JU6H-UF94	TRWA	SC61A-L	15.6	0.35	0.10	6" 150# FLG.
JU6H-UFAAT0, AAT2	TRWA	CDS50-SC	20.3	0.45	0.11	6" 150# FLG.

*PLD option available for this model



ITEM NO.	DESCRIPTION	CONNECTION SIZE
①	EXHAUST OUTLET CONNECTION	SEE TABLE
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 1360 WATTS STD- 115 VAC ±5%-10% OPT- 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 "J" ± "K" INCHES VERTICALLY ABOVE THE PUMP SHAFT AND 0.00" ± "K" 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: 1-1/4" 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
8x6x14 F	8	6	108.0	49.0	24.0	29.1	7.0	27.9	45.8	17.0	20.0	16.5	9.0	9.0
8x6x18 F	8	6	108.0	49.0	26.0	29.1	7.0	27.9	45.8	19.0	20.0	16.5	11.0	11.0

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	
	MAKE	MODEL	HP	RPM	VOLTAGE	POLARITY	MAX ALTITUDE		
SHOP ORDER:					CERTIFIED BY:			TOTAL WEIGHT	
								DATE:	