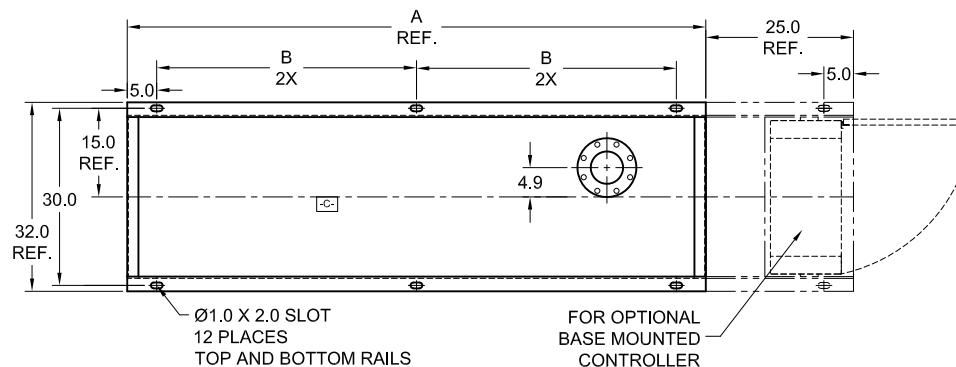


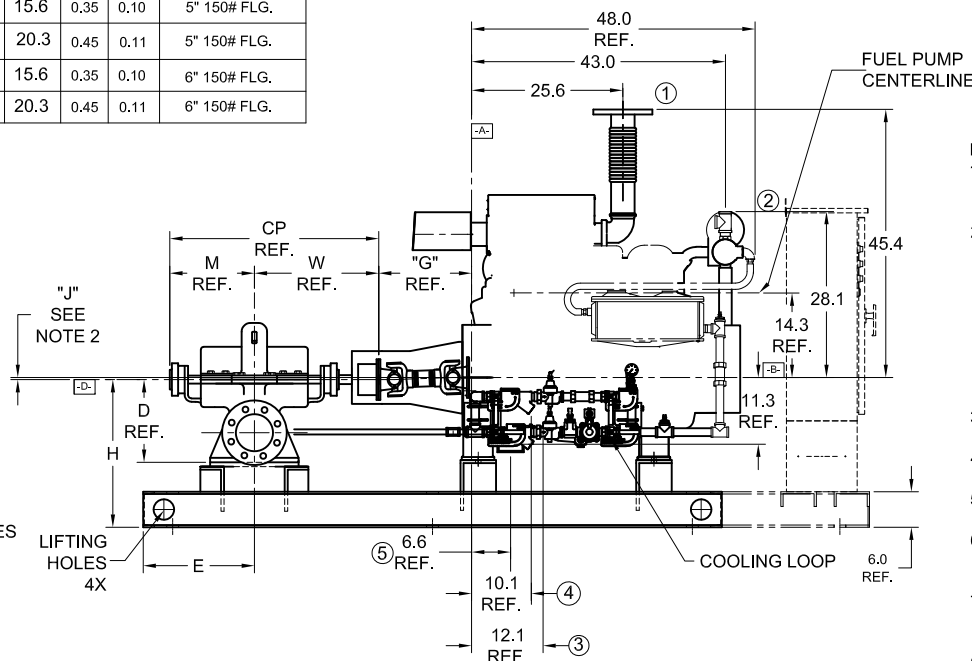
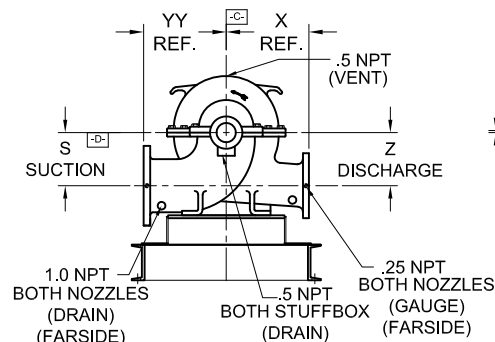
CLARKE FIRE PUMP DRIVERS EPA NSPS TIER 1 ENGINE MODELS HSC 8150 SERIES PUMPS

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



UL LISTED DRIVESHAFTS

 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.



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
8x6x14F	8	6	98.0	44.0	29.0	17.6	17.1	22.4	39.5	17.5	19.0	15.0	9.5	9.5
8x6x15F	8	6	98.0	44.0	29.0	17.6	17.1	22.4	39.5	17.5	19.0	15.0	9.5	9.5

NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED.

CERTIFIED FOR:							APPROVAL		UL	FM	ULC
CUSTOMER ORDER NO:							IDENTIFICATION NO:		FLANGES		
PUMP DATA	SIZE	MODEL	CURVE NO.	GPM	HEAD (FT.)	ROTATION	SUCTION	DISCHARGE			
						CW					
ENGINE DATA	MAKE	MODEL	HP	RPM	VOLTAGE	POLARITY	MAX ALTITUDE				
	CLARKE					NEG.					
SHOP ORDER:			CERTIFIED BY:			TOTAL WEIGHT			DATE:		

