

Print

Systems Data

Reference Number: EM4566



September 08, 2020
 For Help Desk Phone
 Numbers [Click Here](#)

AIR INTAKE SYSTEM		
<i>THE INSTALLED SYSTEM MUST COMPLY WITH THE SYSTEM LIMITS BELOW FOR ALL EMISSIONS CERTIFIED ENGINES TO ASSURE REGULATORY COMPLIANCE.</i>		
MAXIMUM ALLOWABLE INTAKE RESTRICTION WITH DIRTY ELEMENT	10	IN-H20
COOLING SYSTEM		
ENGINE ONLY COOLANT CAPACITY	37.7	GAL
MAXIMUM ALLOWABLE JACKET WATER OUTLET TEMPERATURE	210	DEG F
MINIMUM ALLOWABLE AFTERCOOLER COOLANT FLOW	99.1	G/MIN
MAXIMUM ALLOWABLE AFTERCOOLER COOLANT FLOW	158.5	G/MIN
REGULATOR LOCATION FOR JW (HT) CIRCUIT	OUTLET	
REGULATOR LOCATION FOR SCAC CIRCUIT	INLET	
MAXIMUM UNINTERRUPTED FILL RATE	5.0	G/MIN
ENGINE SPEC SYSTEM		
CYLINDER ARRANGEMENT	VEE	
NUMBER OF CYLINDERS	12	
CYLINDER BORE DIAMETER	6.7	IN
PISTON STROKE	7.5	IN
TOTAL CYLINDER DISPLACEMENT	3158	CU IN
STANDARD CRANKSHAFT ROTATION FROM FLYWHEEL END	CCW	
STANDARD CYLINDER FIRING ORDER	1-12-9-4-5- 8-11-2-3- 10-7-6	
NUMBER 1 CYLINDER LOCATION	RIGHT FRONT	
STROKES/COMBUSTION CYCLE	4	
EXHAUST SYSTEM		
<i>THE INSTALLED SYSTEM MUST COMPLY WITH THE SYSTEM LIMITS BELOW FOR ALL EMISSIONS CERTIFIED ENGINES TO ASSURE REGULATORY COMPLIANCE.</i>		
MINIMUM ALLOWABLE SYSTEM BACK PRESSURE	0	IN-H20
MAXIMUM ALLOWABLE SYSTEM BACK PRESSURE	20	IN-H20
MANIFOLD TYPE	DRY	
FUEL SYSTEM		
MAXIMUM ALLOWABLE INLET FUEL TEMPERATURE	104	DEG F
MINIMUM ALLOWABLE INLET FUEL TEMPERATURE	32	DEG F
LUBE SYSTEM		
LUBE SYSTEM OIL COOLER TYPE	SHELL & TUBE	
CRANKCASE VENTILATION TYPE	OPEN	
MAXIMUM ACCEPTABLE CRANKCASE PRESSURE	12	IN-H20
MINIMUM STARTING OIL TEMPERATURE	32	DEG F

MOUNTING SYSTEM

LENGTH - ENGINE ONLY (REFERENCE VALUE)	122	IN
HEIGHT - ENGINE ONLY (REFERENCE VALUE)	84	IN
WIDTH - ENGINE ONLY (REFERENCE VALUE)	87	IN
STARTING SYSTEM		
MINIMUM CRANKING SPEED REQUIRED FOR START	150	RPM