



3512  
 1193 kW (1600 bhp) @ 1750 rpm

Rating Type: STANDBY

Emissions: Noncertified

Performance Number: TM8582-08

**Metric**

**English**

<b>General Engine</b>		
Power Rating	1193 kW	1600 bhp
Number of Cylinders	12	
Cylinder Arrangement	VEE	
Bore	170 mm	6.7 in
Stroke	190 mm	7.5 in
Displacement	51.8 L	3158.1 cu in
Compression Ratio	13.0 : 1	

<b>Air Intake System (System Restriction Limits)</b>		
Maximum Allowable w/Clean Dry Element	3.7 kPa	15 H <sub>2</sub> O
Maximum Allowable w/Dirty Element	N/A	N/A

<b>Control System</b>	
Governor Type	WOODWARD

<b>Exhaust System</b>		
Exhaust Manifold Type	N/A	
Maximum Allowable Back Pressure	6.7 kPa	27 in Hg

<b>Cooling System</b>		
Cooling System Type	JWAC	
Engine Jacket Water Coolant Capacity	N/A	N/A
Aftercooler Water Operating Temperature	82 ° C	179.6 ° F

<b>Fuel System</b>		
Fuel Supply Line Restriction (Max. Allowable)	30.000 kPa	8.9 in Hg
Fuel Return Line Restriction (Max. Allowable)	27.000 kPa	8.0 in Hg
Normal Fuel Pressure	415 kPa	60.200 psi
Max Fuel Flow from Transfer Pump to Engine	1332.000 L/hr	351.90 gph
Max Fuel Flow to Return Line from Engine	1301.000 L/hr	343.7 gph
Fuel System Type	N/A	

Engine Arrangement: 3879148



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