



## **Electric System - DC**

System Voltage (Nominal).....	12 V
Battery Capacity for Ambient above 32°F (0°C)	
Voltage (Nominal).....	12 V
Current Capacity - Amp/hr.....	150
Qty. per Battery Bank.....	1
CCA at 0°F (-18°C).....	640
Reserve Capacity - Minutes.....	260
Battery Cable Minimum Size - mm <sup>2</sup> .....	35
Charging Alternator Output - Amp.....	35
Starter Cranking Amps - at 60°F (15°C).....	250 - 350

## **Exhaust System**

	<b>2800</b>	<b>2900</b>	<b>3000</b>
Exhaust Flow - ft <sup>3</sup> /min (m <sup>3</sup> /min).....	534.5(15.1)	582(16.5)	625.6(17.7)
Exhaust Temperature - °F (°C).....	1159(626)	1220(660)	1256(680)
Max. Allowable Back Pressure - in H <sub>2</sub> O(kPa).....	16(4)		
Exhaust pipe Dia. In (mm) for further exhaust piping(Min.).....	4 (100)		

## **Fuel System**

	<b>2800</b>	<b>2900</b>	<b>3000</b>
Fuel Consumption - gal/hr (L/hr).....	4.83(18.3)	4.99(18.9)	5.12(19.4)
Fuel Return - gal/hr (L/hr).....	33.77(127.7)	34.11(129.1)	34.48(130.6)
Total Supply Fuel Flow - gal/hr (L/hr).....	38.6(146)	39.1(148)	39.6(150)
Fuel Pressure - lb/in <sup>2</sup> (kPa).....	36.25(250)		
Fuel Supply Line Size(Min.) - in(mm) .....	0.5(12.7)		
Fuel Return Line Size(Min.) - in(mm).....	0.375(9.5)		
Max. Allowable Fuel Pump Suction With Clean Filter - in H <sub>2</sub> O (m H <sub>2</sub> O).....	31 (0.8)		
Max. Allowable Fuel Head Above Fuel Pump Supply or Return - m (ft).....	5 (16.4)		
Fuel Filter Size - Micron.....	3 - 5 micron		

## **Heater System**

Jacket Water Heater.....	Standard
Wattage (Nominal).....	1500
Voltage - AC, 1P.....	240

## **Air Intake System**

	<b>2800</b>	<b>2900</b>	<b>3000</b>
Air Cleaner Type.....	Dry type, Indoor service only		
Air Intake Restriction Maximum Limit			
Dirty Air Cleaner - in H <sub>2</sub> O (kPa).....	7.1(1.8) for 2800 to 3000 rpm		
Clean Air Cleaner - in H <sub>2</sub> O (kPa).....	4(1.0)		
Engine Air Flow - ft <sup>3</sup> /min (m <sup>3</sup> /min).....	169.5(4.8)	176.6 (5)	187.2(5.3)
Air Temperature(At Engine Inlet) - °F (°C).....	113(45) Max. Allowable		

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