



500RE0ZVB

60 HZ. DIESEL INDUSTRIAL GENERATOR SET EMISSION DATA SHEET

ENGINE INFORMATION			
Model:	Volvo, TAD1641GE	Bore:	144mm (5.67 in.)
Nameplate BPH @ 1800 RPM:	757	Stroke:	165mm (6.50 in.)
Type:	4-Cycle, 6 Cylinder, Inline	Displacement:	16.12 L (984 cu. in.)
Aspiration:	Turbocharged, Charge Air-Cooled		
Compression Ratio	16.5:1	EPA Family:	BVPXL16.1ACB
Emission Control Device	EM,TC,CAC	EPA Certificate:	VPX-NRCI-11-08

PERFORMANCE DATA:	1/4	1/2	3/4	Full
	Standby	Standby	Standby	Standby
Engine bkW @ Stated Load	142.60	285.00	427.50	565.00
Fuel Consumption (g/kWh)	233.00	205.00	203.00	210.00
Exhaust Gas Flow (m ³ /s)				1.84
Exhaust Temperature (°C)				479.00
EXHAUST EMISSION DATA:				
HC (Total Unburned Hydrocarbons)	0.322	0.161	0.086	0.061
NOx (Oxides of Nitrogen as NO2)	5.252	5.196	5.064	5.187
CO (Carbon Monoxide)	0.750	0.294	0.542	1.900
PM (Particular Matter)	0.132	0.071	0.069	0.141

Values are in g/kWh

TEST METHODS AND CONDITIONS
40 CFR part 89 - 5 Mode US constant speed test cycle

Data and specifications subject to change without notice
 For further information, please contact Doug Rose with Volvo, (757) 382-4058