



## NATURAL GAS GENSET

### MODEL : KS100UG

#### ENGINE DATA

<b>Manufacturer :</b> <b>Model :</b> <b>Cylinder Arrangement :</b> <b>Displacement :</b> <b>Bore and Stroke :</b> <b>Compression ratio :</b> <b>Rated RPM :</b> <b>Piston Speed :</b> <b>Max. stand by Power at rated RPM :</b> <b>Frequency regulation, no load to full load :</b> <b>Frequency regulation, steady state :</b> <b>BMEP :</b> <b>Governor : type :</b>		<b>GENERAL MOTORS</b> GM 874 T , 4-cycle, Turbo 8 V 7,4 L (452 C.I.) 108 mm (4,25 in.)X 102 mm (4 in.) 8.9 : 1 1800 Rpm 6,1 m/s (20,02 ft./s) 124 kW (167 BHP) Electronique NC 8,11 bar (118 psi) Electronic, Barber-Colman	
<b>Exhaust System</b> Exhaust gas flow Exhaust temperature Max back pressure <b>Fuel System</b> 100% (Stand By power) 75% (Stand By power) 50% (Stand By power) 25% (Stand By power) <b>Oil System</b> Total oil capacity w/filters Oil Pressure low idle Oil Pressure rated RPM Oil consumption 100% load		<b>Air Intake</b> Max. intake restriction Engine air flow <b>Coolant System</b> Radiator & engine capacity Max water temperature Outlet water temperature Fan power Fan air flow Engine heat rejection <b>Fuel System</b> Fuel supply line diameter Fuel supply line pressure	
	480 L/s (1020 cfm) 650°C (1200 °F) 700 mm CE (28 in. WG) 33,56 L/h (8,86 gal/hr) 25,17 L/h (6,65 gal/hr) 16,78 L/h (4,43 gal/hr) NC 8,1 L (2,1 gal) 2.75 bar (40 psi) 5.5 bar (79.7 psi) NC		700 mm CE (28 in. WG) 160 L/s (338 cfm) 13,72 L (3,6 gal) 105 °C (221 °F) 71 °C (160 °F) 8,58 kW 5,37 m <sup>3</sup> /s (11376 cfm) 84 kW (4778 Btu/mn) 1"1/4 NPTF 30-69 mbar (12-27 in H <sub>2</sub> O)