Standard Generator Technical Data

BG/900/P

Length (mm)	5600
Wdith (mm)	2200
Height (mm)	2800
Weight (kg)	8500
Engine Model:	Perkins 4008TAG1A
Alternator Model:	Newage HCI6H
Number Of Cylinders:	8
Cubic Capacity: Litres	30.561
Bore /Stroke: Mm	160mm x 190mm
Compression Ratio:	13.6:1
Aspiration:	Turbocharged
Frequency:	50Hz
Engine Speed:	1500
Maximum Continuous Power At Flywheel: Kw	800
BMEP: Kpa	20.6
Piston Speed: M/S	9.5
Fuel Tank Capacity: Litres	N/A
Fuel Consumption: Litres/Hr @ 100%	217
Heat Rejection To Exhaust System: Kw	605
Heat Rejection To Cooling System: Kw	297
Total Radiated Heat: Kw	70
Exhaust Temperature: °C	422
Cooling Air Flow: M_/Min	1121
Combustion Air Flow: M_/Min	69
Exhaust Gas Flow: M_/Min	183

Note: standard reference conditions 25°C (77°F) Air inlet temperature, 152.4 (500ft) A.S.L. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load with diesel fuel with a specific gravity of 0.85 and conforming to BS2869: 1988, Class A2.

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