

**PG6561  
Gas Turbine /Generator  
Package.**

**John Brown Ref: JBSI0002**

## **New Frame PG 6561B 50hz Gas Turbine Generators**

### **Scope of Supply**

NEW GE FRAME PG6561B 50HZ GENSET

**Gas Turbine** - Model number: PG 6561B. ISO Rating: 39 MW. Fuel: dual fuel. Scope: Packaged unit including Generator, auxiliary system and control systems. Year manufactured: 2000. Total running hours: 0. Total starts: 0. Hours since reconditioning or Major overhaul: 0. Control system: GE Speedtronic Mark V. Starting device: Diesel motor.

**Generator** - Year manufactured: 2000. Nominal power: 48.95 MVA. Nominal voltage: 11kV. Frequency: 50 HZ. Power factor: 0,80. Nominal speed: 3000 rpm. Exciter included – brush-less. Cooling: air-cooled.

### **Performance data:**

PERFORMANCE CHARACTERISTICS AT ISO CONDITIONS:  
(15°C, 60% RH, 1.013 bar)

Fuel; Duel Fuel - Natural Gas/Distillate

Design output : KW 39,160 / 38,480

Design heatrate : KJ/KWh 11,320 / 11,405

Design exhaust flow kg/s: 141.4 / 141.9

Turbinespeed; 5100/ 5100

(base load, 10 mbar inlet pressure and 6,2 mbar exhaust pressure losses).