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THE FOLLOWING BACK PRESSURE TYPE STEAM TURBINE GENERATOR SET IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

1 No. 6.23 MW Siemens (1982) Make, Back Pressure Type Steam Turbine Generator Set having the following technical specifications:



Year of Manufacture	:1982
Year Retired	:2010
Condition	:Very Good
Status	:Installed On Foundation

**NITIN CORPORATION
MUMBAI.**

**1 No. 6.23 MW Siemens Back
Pressure STG Set.**

TURBINE DETAILS:

Make :SIEMENS

Rating:

Economical :5,250 kW

Maximum Cont. :6,230 kW

Inlet Flow:

Rated :45,000 kg/h

Maximum :48,000 kg/h

Inlet Pressure:

Rated :81 Bar abs.

Maximum :90 Bar abs.

Inlet Temperature:

Rated :470 C

Maximum :500 C

Exhaust Pressure:

Rated :6.5 Bar abs.

Maximum :7.5 Bar abs.

Minimum :4.0 Bar abs.

Exhaust Flow:

Maximum :48,000 kg/h

Rated speed :12,000 RPM

GEARBOX DETAILS:

Rating :6200 kW

Input Speed :12000 RPM

Output Speed :1500 RPM

Ratio :8:1



GENERATOR DETAILS:

Make :SIEMENS
Apparent Power :8,400 kVA
Active Power :6,720 kW
Power Factor :0.8
Speed :1500 RPM
Rated Voltage :6300 V
Rated Current :770 A
Phases : 3
Phase Connection :Star
Excitation Voltage :97 V
Excitation Current :500 A
Coolant :Water
Frequency :50 Hz

