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DEALERS & IMPORTERS OF POWER PLANTS & ALLIED MACHINERY

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CIR No.NC:CIR:1.6 MW STORK

C I R C U L A R

The following Steam Turbo Generator set available for sale with us ex-stock with immediate delivery.

1 No. 1600 kW STORK make back pressure type Steam Turbo Generator set having the following technical parameters:

TURBINE:

Make : STORK
Type : 4T45, multistage
Srl.No. : 611
Year of manufacture : 1969
Capacity : 1600 kW (2000 kVA)
Inlet Pressure:
 Nor. : 13.7 Kg/Cm2
 Max. : 19 Kg/Cm2
Inlet Steam Temp. : 250oC.
Exhaust Pressure:
 Nor, : 0.8 Kg/Cm2
 Max. : 1 Kg/Cm2
Speed : 9333 RPM
Trip Speed : 10300 RPM
No. of stages : 4
Direction of rotation : Anti-clockwise viewed from governor end

GEAR BOX:

Make : STORK
Type : RG-400/3
Input speed : 9333 RPM
Output speed : 1500 RPM
Capacity : 2400 HP
Ratio : 6.22:1

ALTERNATOR:

Make : EMF DORDT
Type : 210SD/4/KL/114

Capacity	:	2000 kVA (1600 kW)
Speed	:	1500 RPM
Amps	:	2625 A
Voltage	:	440 V
No.of stages	:	3
Power Factor	:	50 Hz
Excitation voltage	:	89
Excitation Amps	:	92.5

Note: The above STG set is in excellent condition and is complete with the following auxiliaries and accessories.

- a) Steam Inlet Valve
- b) Governing system (Woodward UG 8)
- c) 1 No. Oil filter
- d) 1 No. Oil cooler
- e) 1 No. AOP with motor
- f) Oil tank in base alongwith inter-connecting pipelines
- g) Hand priming pump
- h) Local turbine controls
- i) Exciter-cum- AVR panel with 2 channels

The manuals and drawings of the STG set are available.

PRODUCT IMAGES :



