



Tel: Off : +91 22 2523 4478 / 67973677
Fax : +91 22 2523 5386
E mail : enquiry@corponit.com
Website : www.corponit.com

DEALERS & IMPORTERS OF POWER PLANTS & ALLIED MACHINERY

402, 4th Floor, Bezzola Commercial Complex, V.N. Purav Marg, Sion Trombay Road, Chembur, Mumbai - 400071, INDIA.

1 No. 7 MW SIEMENS MAKE BACK PRESSURE TYPE STEAM TURBINE GENERATOR SET.



Year of Manufacture	:	1963
Year Retired	:	December 2005
Last Overhaul	:	1999
Condition	:	Good
Status	:	Installed on foundation

**NITIN CORPORATION
MUMBAI.**

7 MW SIEMENS MAKE STG SET

TURBINE :

Manufacturer : Siemens (Germany)

Type : Back Pressure Steam Turbine

Maximum Rated Capacity: 7000 kW

Speed :3000 RPM

Inlet Pressure: 40.0 barg

Max Inlet Pressure : 44 barG

Temperature : 440°C

Exhaust Pressure: 3.5 barA



ALTERNATOR :

Manufacturer :Siemens (Germany)

Type : FT 448/46-3000

Apparent Power : 8,600 kVA

Power Factor: 0.7

Active Power: 6,020 kW

Voltage : 6,300 V

Current : 790 A

Speed :3000 RPM

Self Excitation : 93 V ; 3 A



**NITIN CORPORATION
MUMBAI.**

7 MW SIEMENS MAKE STG SET

EXCITER :

Manufacturer : Siemens (Germany)

Type : TGV 258/10

Power :40 W

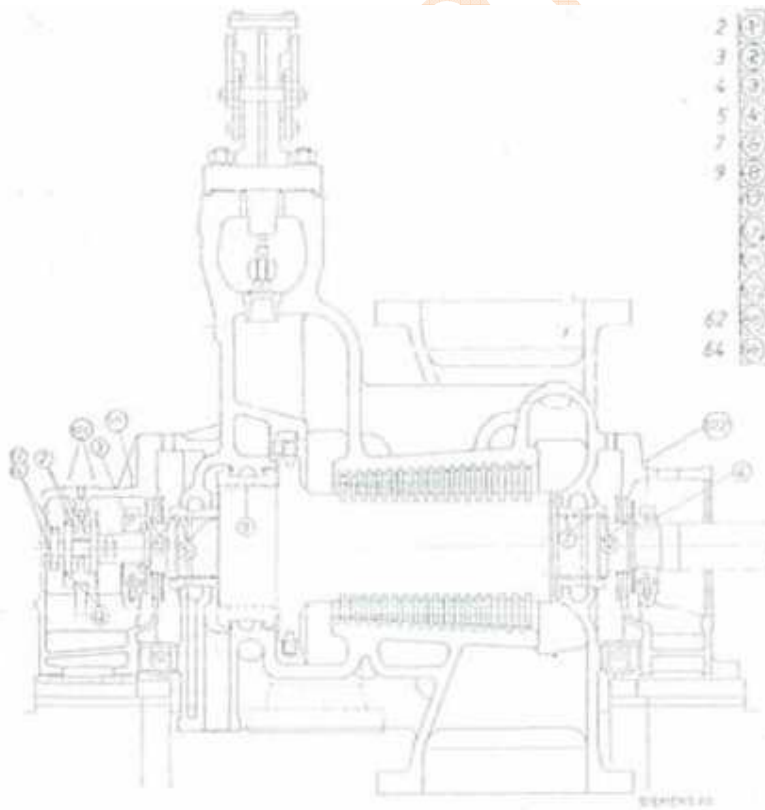
Voltage : 110 V

Current : 375 A

Self Excitation : 110 V ; 7 A



Sectional Drawing - Turbine



2	1	Legenweite mit Hocherhalten zum Einstieg Druckflügel	Foot width area for thrust bearing
3	2	Vordere Turbinen-Lagerschale	Front turbine bearing
4	3	Hintere Turbinen-Lagerschale	Rear turbine bearing
5	4	Dichtung in Statorgehäuse zum verhindern Öl-Überfließen	Sealing ring and packing prevent for front turbine gland
7	5	Statorgehäuse - Statorgehäuse zum verhindern Öl-Überfließen	Sealing ring and packing prevent for rear turbine gland
9	6	Statorgehäuse - Statorgehäuse zum verhindern Öl-Überfließen	Sealing ring and packing prevent for lubricating system oil-overflow
	7	Statorgehäuse für Öl-Überfließen Lagerabflüsse zum Öl-Überfließen	Sealing ring for turbine gland stop for oil-overflow to oil-bearing
	8	Thermometer für Druckflügel	Thermometer for thrust bearing
	9	Thermometer für vordere Turbinen-Lager	Thermometer for front turbine bearing
	10	Thermometer für hintere Turbinen-Lager	Thermometer for rear turbine bearing
62	11	Blatt	Blade
64	12	Zahnrad	Gear wheel

Turbine-Längsschnitt
Turbine longitudinal section
Reserveteile