



30000 KW UNUSED SIEMENS CONDENSING STEAM TURBINE GENERATOR SET 50 HZ

STEAM TURBINE:

Manufacturer: Siemens Axial Exhaust
Type: SST-400
Rating: 30000 kw Maximum: 31880 kw
Inlet steam: 1841 psig/995 °F (126 bar/535 °C)
Maximum inlet steam flow: 283,514 lbs/hr (128.5 t/h)
Extraction steam uncontrolled (for heaters) 4
Controlled extraction: 130 psig (9 bar) 0 to 192,000 lbs/hr (0 – 87.3 t/h)
Exhaust steam: 2.0" HgA (0.068 (bar)
Maximum Exhaust steam flow: 180,779 lbs/hr (82 t/h)
Steam rate @ 31,230 kw : 264,000 lbs/hr (119.77 t/h) 8.45 lbs/kwh
Speed: 5038 rpm
Rotation: CW from governor end

GEAR REDUCER:

Manufacturer: Flender
Model number:
Speed: 5038/1800 rpm Ratio: 3.36:1
Service Factor: 1.3

GENERATOR:

Manufacturer: Siemens TEWAC, brushless exciter
Frame:
Rated Power: 38,000 KVA
Voltage: 10,500 v/3 phase, 50 hz
PF: 0.85
Speed: 1500 rpm

SCOPE OF SUPPLY

Steam Turbine, gear reducer skid complete
Generator with terminal box
Inlet stop valve
Lube oil system
Gland steam condenser
Condenser
Air ejector
Turbine and generator control system

HISTORY:

Year manufactured: 2013 unused stored in side warehouse, ready to ship.