

1.5MW Tuthill Murray® backpressure type steam turbine

Ref : 2013-407

Equipment for sale

1.5MW turbogenerator including

- Backpressure type steam turbine Murray® KD4
- Gearbox Lufkin® double hélical parallel shafts
- Generator ABB® AMG500 S4
- Lube oil skid 800l
- Several BOP equipment

Generator data

Manufacturer _____ ABB®
 Model _____ AMG 500S4 (brushless)
 Year _____ 1997
 Speed _____ 1500 rpm
 Power _____ 1 973 kVA
 Voltage _____ 400V
 Current _____ 2847A
 Cos phi _____ 0.8
 Frequency _____ 50Hz
 Connection _____ ~3Y
 Isolation class _____ H
 Cooling _____ Water cooled

Steam turbine data

Rating

Type _____ Backpressure type
 Manufacturer _____ Tuthill Murray® Turbomachinery
 Model _____ KD4
 Power _____ 1 578 kW
 Speed _____ 5 000 rpm
 Inlet pressure _____ 18 bars
 Inlet temperature _____ 235°C
 Inlet flow _____ 20T/h
 Exhaust pressure _____ 590 mbar
 Exhaust temperature _____ 114°C

Operation cases

Case	A	B	C
Inlet press. (bars)	18	18	18
Inlet temp. (°C)	235	235	235
Inlet flow (T/h)	20	12	8.8
GEN Power (kW)	1 576	740	470

Shipment data

Location _____ France

Dimensions (LxWxH / Weight)

Turbogenerator skid including lube oil skid
 _____ 6000x2500x2100 / 11.4T



Sales conditions

Option 1 _____ Refurbished FCA, France / 6 months warranty
 Option 2 _____ Refurbished and installed / 12 months warranty
 Price _____ please inquiry

Contact

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