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THE FOLLOWING EXTRACTION- CONDENSING STEAM TURBINE GENERATORSET IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

1 No. - 6 MW Belliss (2000) make, Extraction- Condensing type Steam Turbine Generator Set having the following technical specifications



TECHNICAL DETAILS:

TURBINE DETAILS:

Make	:	BELLISS INDIALTD
Type	:	HEN-22 (Multistage)
Progressive No.	:	BM/4557/B
Capacity	:	6000 kW
Year of make	:	2000
Inlet Steam Pressure	:	44 Kg/Cm2
Inlet Steam Temperature	:	420 Deg C.
Inlet Steam Flow	:	35 TPH
Extraction Steam Pressure	:	6 ATA
Extraction Steam Temperature	:	210 Deg. C
Extraction Steam Pressure (After PRV)	:	4.5 ATA
Extraction Steam Flow	:	11 TPH
Exhaust Steam Pressure	:	Vacuum at 0.12 ATA
Quantity of steam to condenser.	:	24 to 27.5 TPH
Speed	:	8500 RPM



GEARBOX DETAILS:

Make	:	TRIVENI ENGG. & IND.LTD.MYSORE
Type	:	Double Helical
Model No.	:	0560x
S. No.	:	00023
Year	:	2000
Power	:	6000 kW
Input speed	:	8600RPM
Output speed	:	1500RPM
Gear Ratio	:	5.76:1
No. of teeth	:	164/29
Service factor	:	1.7
Oil	:	ISO-VG-46 or ISO-VG-68



ALTERNATOR DETAILS:

Make	:	Toyo Denki Japan – by Kirloskar Elec. Co. Ltd
Capacity	:	6000 kW
KVA	:	7500 kVA
Year of manufacture	:	2000
Speed	:	1500RPM
No. of Poles	:	4
Voltage	:	11000V
No. of Phases	:	3
Insulation Class	:	F

P. F. : 0.8
Frequency : 50 Hz
Cooling Arrangement : Side Mounted Radiator

PHOTOS:





Turbine cooling oil tank



Electrical control - Panels



Electrical control - Panels



Turbine control 505 governor & PLC panel