



**DEALERS & IMPORTERS OF POWER PLANTS & ALLIED MACHINERY**

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### 1 No. 2.5 MW APE Belliss make Back Pressure type Steam Turbine Generator Set :

Multistage back pressure type Steam turbine, frame BD-2 APE BELLISS 1993 make, speed 6000 RPM, OUTPUT 2500 Kw.

Operating Parameters	Max.	Nor.	Min.
Inlet steam pressure – Kg/Cm <sup>2</sup>	32	30	28
Inlet steam temperature oC.	390	370	350
Exhaust steam pressure Kg/Cm <sup>2</sup>	1.5	1	0.5

#### Branch Size:

- a) Inlet = 6" dia.
- b) Exhaust Size = 18" dia
- c) Rotation = Clockwise when looking from governor end of turbine

#### HIGH SPEED REDUCTION GEAR BOX:

- Make = WIL
- Type = GN-40
- Ratio = 6000:1500 (4:1)
- Service Factor = 1.5
- Power = 2500 kW

#### GENERATOR:

Make	=	KIRLOSKAR
Frame	=	A 4B 710/6
Machine No.	=	9341004-01
kVA	=	3125
Rating	=	SI TO IS 4722-1992
Extr-AC		
Insulation Class	=	ST-F, RT-F
EX-F	=	0.8
Volt	=	100 V
EXTN Current	=	3 AMS
Phase	=	3
Lube oil	=	Turbinol 46

**ACCESSORIES:**

Main control panel, Turbine Control panel, Oil Coolers, Generator Air Cooler, Governing Valve Body, etc. as available at site

NITIN CORPORATION