

**Project: Haripur, Bangladesh**



Customer: Nem Power Systems, Germany  
Project: Haripur  
Country: Bangladesh  
BBM-GA No.: L0 7266



Gas Turbine: M701F  
Mass Flow : 683 kg/s  
Temperature: 585 °C  
Design Temp.: 620 °C  
Pressure Drop: <500 Pa

Silencer Dimensions

Diameter: 9770 mm      Weight: 59.000 kg  
Length: mm  
Width: mm      Material: SS 1.4878 ( 321H )  
Height: 7940 mm

Acoustic Requirement

Sound Power Level: 110 dB(A) at Stack Outlet  
Sound Pressure Level: 85 dB(A) at outlet, 1 m Distance from Stack

Frequency	Hz	32	63	125	250	500	1000	2000	4000	8000
Silencer Insertion Loss	dB	14	22	29	38	46	48	56	50	47

