GAS TURBINE GENERATOR PACKAGE

SATURN 20

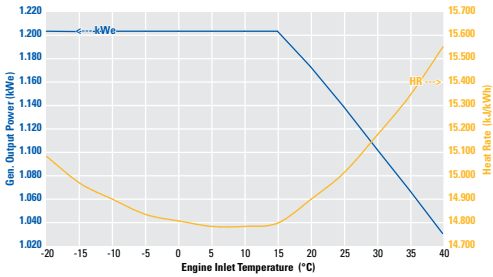
TURBINE TYPE: SATURN 20 (T 1601)
Main data (ISO, no losses)

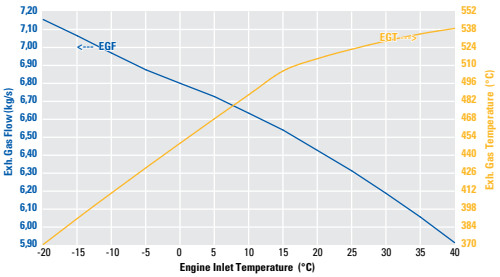
Electrical power:	MW	1.20
Heat rate:	kJ/kWE-hr	14'800
Fuel input:	MJ/s	4.9
Efficiency:	%	24.3
Exhaust gas flow:	kg/s	6.5
Exhaust gas temp.	°C	506
Fuel:		NG/LF/LPG/LBTU
Start system:		AC
Gen. Voltage:	kV	0.4
Comb. Syst. Avail.:	*	S/WI

*S = standard combustion system; WI = water injection; DLE = *SoLoNOx*

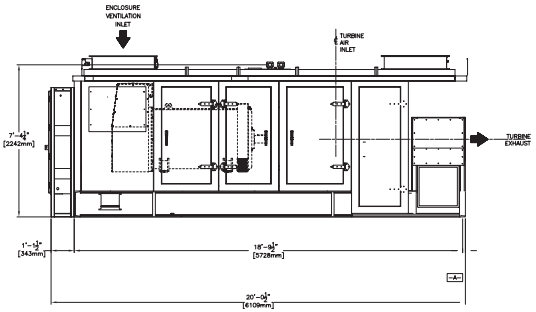


CORRECTION CURVES





TYPICAL LAYOUT



Turbomach
A Caterpillar Company