



GE ENERGY

Jenbacher gas engines  
A-6200 Jenbach / Austria

## J K704 SON 4106 / Sampedro Renove

### 1 x JMS 624 GS-N.L

ABGASSYSTEM / EXHAUST GAS SYSTEM:				
Version	H11			
M <sub>af</sub>	21.756		kg/h	
L <sub>p</sub>	..		db(A) in 10m	
Nox	< 385		mg/Nm <sup>3</sup>	15% O <sub>2</sub>
CO	< 450		mg/Nm <sup>3</sup>	15% O <sub>2</sub>
NMHC	< 50		mg/Nm <sup>3</sup>	15% O <sub>2</sub>
TREIBGASSYSTEM / FUEL GAS SYSTEM:				
M <sub>z</sub>	70			
H <sub>u</sub>	10,75		kWh/Nm <sup>3</sup>	
V <sub>gas</sub>	896		Nm <sup>3</sup> /h	
WASSERKREISE / WATER CIRCUIT:				
V <sub>ww</sub>	135,0		m <sup>3</sup> /h	
V <sub>gk2</sub>	40,0		m <sup>3</sup> /h	
ANSAUGLUFT / INTAKE AIR:				
V <sub>l</sub>	17428		Nm <sup>3</sup> /h	
ENERGIEBILANZEN / ENERGYBALANCE:				
UT			°C	
Q <sub>ag</sub> (120°C)	..		kW	±8%
Q <sub>gk1</sub>	1296		kW	±8%
Q <sub>gk2</sub>	200		kW	±8%
Q <sub>kw</sub>	549		kW	±8%
Q <sub>oel1</sub>	420		kW	±8%
Q <sub>oel2</sub>	..		kW	±8%
Q <sub>re</sub>	96		kW	
Q <sub>st</sub>	240		kW	
Q <sub>ww</sub>	2265		kW	±8%
Q <sub>zu</sub>	9631		kW	±3%
Q <sub>zu</sub> / Q <sub>m</sub>	2,15		kWh/kWh	±3%
LEISTUNG UND WIRKUNGSGRAD / POWER AND EFFICIENCY:				
P <sub>el</sub>	4401		kW	0%
P <sub>m</sub>	4491		kW	0%
η <sub>el</sub>	45,7		%	
η <sub>therm</sub>	42,3		%	
η <sub>ges</sub>	88,0		%	
			Approver: Juranek/Frimmel	
Revision	Reason for Revision	Date	Approver	
B	E1019968	14.11.2011	Juranek	
C	E1019985	15.11.2011	Juranek	
D	E1024632	10.04.2012	Juranek	



