GAS SYSTEM
SERIES 4000 NATURAL GAS

400 V / 50 Hz*

SYSTEM RATINGS

Natural gas genset without heat extraction (heat recovery unit optional)

MTU Onsite Energy Type	Former Genset Type	Output Elect. [1]	Therm. [2]	Exhaust [3]	Low Temp.	Energy input [4]	Efficiency Electr.	Total	Methane Number [5]	Dimensions (L x W x H)
	AoB	$kW_{el.}$	$kW_{th.}$	$kW_{th.}$ (°C)	$kW_{th.}$ (°C)	kW	$n_{el.}$ (%)	n_{tot} (%)		mm
GB 1012 N5	8V 4000 L64	1012	*(475)*	461 (120)	69 (43)	2298	44,0	*(84,8)*	≥ 80	4200x2000x2300
GB 1523 N5	12V 4000 L64	1523	*(712)*	691 (120)	104 (43)	3438	44,3	*(85,1)*	≥ 80	5000x2000x2300
GB 2028 N5	16V 4000 L64	2028	*(965)*	936 (120)	127 (43)	4574	44,3	*(85,9)*	≥ 80	5500x2000x2300
GB 2530 N5	20V 4000 L64	2530	*(1200)*	1147 (120)	175 (43)	5748	44,1	*(84,8)*	≥ 80	6600x2000x2300

* NOx < 500 mg/m_n^3

1) cos φ = 1,0 in accordance with VDE 0530 REM

2) Heat output from engine cooling with tolerance of ± 8%

3) Heat output from exhaust (exhaust cooling to 120°C) with tolerance of ± 8%

4) Performance data in accordance with ISO 3046/I-2002 with tolerance of 5%

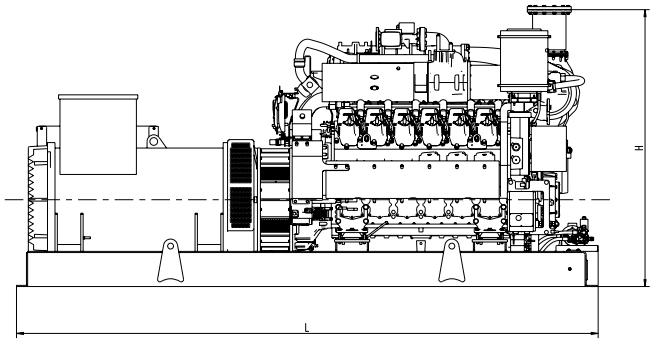
5) Referenced methane number

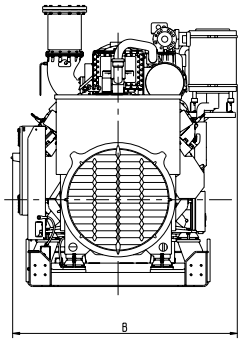
Any specifications, descriptions, values, data or other information related to dimensions, power or other technical performance criteria of the goods as provided in this general productinformation are to be understood as non-binding and may be subject to further changes such as but not limited to technical evolution at any time.

Project specific data on request:

- Individual data (e.g. flow-/return-temperatures, hot cooling, methane number, assembly space, etc.)
- Container

DRAWINGS AND DIMENSIONS





Note: This drawing is provided for reference only and should not be used for planning installation.

ENGINE DATA

4000	
Configuration	90° V
No. of cylinders	8/12/16/20
Bore/Stroke	170/210 mm
Cyl. displacement	4.77 lit.

DESIGN AND EQUIPMENT (EXTRACT)

- Sliding gear starter 24V, 2 x 9 kW
- Gas supply with electronically controlled gas metering valve
- Electronic high-voltage capacitor ignition system with one ignition coil per cylinder
- Electronic speed governor for speed and power output control with automatic knocking control

Version: 14.03.2014, materials and specifications subject to change without notice due to technical advances.

Subject to change. | 3237881 | Edition 01/14 | ENC 2014-03 | Printed in Germany on chlorine-free bleached papaer.