



## Natural Gas CHP, 60 Hz

Type	Generator Power [kW]	Thermal Power [kW]	Electrical Efficiency [%]	Intercooler-Temperature [°C]	Cylinder number/ arrangement	Weight approx. [t]	Dimensions L x B x H [m]
<i>Rich burn, naturally aspirated</i>							
FMB-87-GSK	62	88	34,1	-	4 / inline	2,4	2,8 x 0,85 x 1,85
FMB-100-GSK	80	124	34,3	-	6 / inline	2,6	2,8 x 0,85 x 1,85
FMB-170-GSK	135	233	33,3	-	6 / inline	3,2	3,6 x 1,05 x 2,05
FMB-200-GSK	160	274	33,4	-	8 / V 90 °	3,4	3,6 x 1,25 x 2,05
FMB-240-GSK	240	423	33,4	-	12 / V 90 °	4,3	3,6 x 1,25 x 2,05
<i>Lean burn, turbocharged</i>							
FMB-240-GSMK	195	267	35	50	6 / inline	3,5	3,6 x 1,25 x 2,45
FMB-300-GSMK	240	324	35,4	50	8 / V 90 °	3,6	3,6 x 1,45 x 2,45
FMB-460-GSMK	370	487	35,8	50	12 / V 90 °	5,4	4,0 x 1,45 x 2,45
FMB-805-GSMK	656	872	36,5	55	12 / V 60 °	11,6	5,1 x 2,2 x 3,0
FMB-1085-GSMK	878	1227	35,8	55	16 / V 60°	13,5	5,7 x 2,2 x 3,0

Heat recovery:

Heating water temperatures: 90 °C outlet flow temperature, max 70 °C return flow temperature special layout with up to 120 °C outlet flow temperature on request

Rating conditions:

Combustion air / ambient temperature 27 °C; erection altitude max 300 m

Exhaust emissions:

Rich burn: NOx < 250 mg / Nm<sup>3</sup> corrected to 5% O<sub>2</sub>  
CO < 300 mg / Nm<sup>3</sup> corrected to 5% O<sub>2</sub>

Lean burn: NOx < 500 mg / Nm<sup>3</sup> corrected to 5% O<sub>2</sub>; (adjustment for 250 mg /Nm<sup>3</sup> with decreased electric efficiency possible)  
CO < 300 mg / Nm<sup>3</sup> corrected to 5% O<sub>2</sub>

All data on this sheet is for information only and not binding. Guaranteed are only the values in the commercial quotation.