

**BOSCH**

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# Combined Heat and Power

# CHP CE 70-2 NA

## Technical Data

	Unit	Performance data Outlet / Inlet 90 °C / 70 °C
<b>CHP Outputs</b>		
Electrical output at $\cos(\phi)=1$	kWel	70
Thermal output effective	kWth ( $\pm 7\%$ )	109
Gas consumption DIN ISO 3046-1	kW ( $\pm 5\%$ )	204
Modulation Range	%	50% - 100%
<b>Efficiency at mains parallel operation</b>		
Electrical efficiency effective	%	34,3%
Thermal efficiency effective	%	53,4%
Overall efficiency effective	%	87,7%
Power to heat ratio (AGFW FW308)	kWel / kWth	64,2%
<b>Noise</b>		
Primary Silencer	dB(A) in 1m	79,9
Secondary Silencer	dB(A) in 1m	64,1
<b>Engine</b>		
Engine manufacturer	-	MAN
Model	-	E0836 E302
Cylinder arrangement	-	Reihe
Number of cylinders	-	6
<b>Dimension and Weight</b>		
Length CHP	mm	3275
Width CHP	mm	960
Height CHP	mm	1730
Operating weight max. features ca	kg	2800

Due to our ongoing commitment to product improvement these datasheets are subject to change without notice.

Please note: All noise measurements are stated as Sound Pressure Levels (SPL) at 1m. Detailed noise report available on request.

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Our BIM files can be downloaded from: <https://www.bosch-industrial.com/cad-bim-data>