

**BOSCH**

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# Combined Heat and Power

# CHP CE 240 NA

## Technical Data

|   | Unit               | Performance data<br>Outlet / Inlet<br>90 °C / 70 °C |
|---|--------------------|---|
| <b>CHP Outputs</b>                            |                    |   |
| Electrical output at $\cos(\phi)=1$           | kWel               | 240   |
| Thermal output effective                      | kWth ( $\pm 7\%$ ) | 374   |
| Gas consumption DIN ISO 3046-1                | kW ( $\pm 5\%$ )   | 669   |
| Modulation Range                              | %                  | 50% - 100%  |
| <b>Efficiency at mains parallel operation</b> |                    |   |
| Electrical efficiency effective               | %                  | 35,9%   |
| Thermal efficiency effective                  | %                  | 55,9%   |
| Overall efficiency effective                  | %                  | 91,8%   |
| Power to heat ratio (AGFW FW308)              | kWel / kWth        | 64,2%   |
| <b>Noise</b>                                  |                    |   |
| Primary Silencer                              | dB(A) in 1m        | 77,4  |
| Secondary Silencer                            | dB(A) in 1m        | 63,3  |
| <b>Engine</b>                                 |                    |   |
| Engine manufacturer                           | -                  | MAN   |
| Model   | -                  | E2842 E312  |
| Cylinder arrangement                          | -                  | V   |
| Number of cylinders                           | -                  | 12  |
| <b>Dimension and Weight</b>                   |                    |   |
| Length CHP                                    | mm                 | 4380  |
| Width CHP                                     | mm                 | 1510  |
| Height CHP                                    | mm                 | 1980  |
| Operating weight max. features ca             | kg                 | 5200  |

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>