

**BOSCH**

Invented for life



Combined Heat and Power

CHP CE 200 NA (90/70)

Technical Data

	Unit	Performance data Outlet / Inlet 90 °C / 70 °C
CHP Outputs		
Electrical output at $\cos(\phi)=1$	kWel	200
Thermal output effective	kWth ($\pm 7\%$)	332
Gas consumption DIN ISO 3046-1	kW ($\pm 5\%$)	566
Modulation Range	%	60% - 100%
Efficiency at mains parallel operation		
Electrical efficiency effective	%	35,3%
Thermal efficiency effective	%	58,7%
Overall efficiency effective	%	94,0%
Power to heat ratio (AGFW FW308)	kWel / kWth	60,2%
Noise		
Primary Silencer	dB(A) in 1m	70,9
Secondary Silencer	dB(A) in 1m	59,5
Engine		
Engine manufacturer	-	MAN
Model	-	E2842 E312
Cylinder arrangement	-	V
Number of cylinders	-	12
Dimension and Weight		
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.

All rights reserved
Copyright © 7/2018

Bosch KWK Systeme GmbH
Justus-Kilian-Straße 29-33
35457 Lollar

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

**BOSCH**

Invented for life



Combined Heat and Power

CHP CE 200 NA (93/80)

Technical Data

	Unit	Performance data Outlet / Inlet 93 °C / 70 °C
CHP Outputs		
Electrical output at $\cos(\phi)=1$	kWel	200
Thermal output effective	kWth ($\pm 7\%$)	331
Gas consumption DIN ISO 3046-1	kW ($\pm 5\%$)	566
Modulation Range	%	60% - 100%
Efficiency at mains parallel operation		
Electrical efficiency effective	%	35,3%
Thermal efficiency effective	%	58,5%
Overall efficiency effective	%	93,8%
Power to heat ratio (AGFW FW308)	kWel / kWth	60,4%
Noise		
Primary Silencer	dB(A) in 1m	70,9
Secondary Silencer	dB(A) in 1m	59,5
Engine		
Engine manufacturer	-	MAN
Model	-	E2842 E312
Cylinder arrangement	-	V
Number of cylinders	-	12
Dimension and Weight		
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.

All rights reserved
Copyright © 7/2018

Bosch KWK Systeme GmbH
Justus-Kilian-Straße 29-33
35457 Lollar

Our BIM files can be downloaded from: <http://www.bosch-industrial.co.uk/downloads/bosch-bimstore.html>