

GEA Bock Selection Tool VAP

New in version **VAP 11.6.0**

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- New compressor series **HG LG** for operation with Low-GWP refrigerants
- Display of **motor code**

New compressor series for operation with Low-GWP refrigerants: **HG LG**

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Search for Capacity/Type

- Semi-hermetic compressors ▶ HG/HA compressors ▶
- Semi-hermetic units ▶ **LG compressors** ▶ **HGX LG (suction gas-cooled)**
- Open type compressors ▶ CO2 Compressors ▶ **HAX LG (air-cooled)**
- Open type compressor units ▶ HG ATEX compressors ▶
- Former types ▶ HC compressors ▶
- BockShop (coming soon...) ▶ HGZ two-stage compressors ▶


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VAP 11


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[Semi-hermetic compressors](#)



[Semi-hermetic units](#)



[Open type compressors](#)



[Open type compressor units](#)

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New compressor series for operation with *Low-GWP* refrigerants: **HG LG**

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- **HG LG** (= Low **GWP**) – suction gas-cooled compressor
 - **Technical features:**
 - Suitable for HFO (safety class A2L) as well as chlorine-free HFC refrigerants (A1)
 - Optimized drive for demanding use with HFO refrigerants
 - Seal materials suitable for operation with HFO and HFC refrigerants
 - Electronic motor protection included for installation in an external switch cabinet
 - When being used in evaporation temperatures greater than +15°C, the ester oil C85E has to be used
 - Can also be used for all conventional HFC refrigerants (e.g. R134a, R404A, R407A, etc.)
- **HA LG** (*air-cooled*): The special compressor version with technology for low temperature application will follow in future.

Display of *motor code*

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[Semi-hermetic compressors](#)
[HG/HA compressors](#)
[HG \(suction gas-cooled\)](#)
[HG56e](#)

HG56e

Types	HP (motor code)	kW	Displacement at 50 Hz (1450 rpm) m³/h	Former types
HG56e/850-4	18	15	73.8	HG5/830-4
HG56e/850-4 S	25	18.5	73.8	HG5/830-4 S
HG56e/995-4	23	18.5	86.6	HG5/945-4
HG56e/995-4 S	30	22	86.6	HG5/945-4 S
HG56e/1155-4	28	22	100.4	HG6/1080-4 HG6/1240-4
HG56e/1155-4 S	35	30	100.4	HG6/1080-4 S HG6/1240-4 S

HG single-stage compressors

The HG model series consists of state-of-the-art classical suction gas-cooled compressor technology.

Special features:

- Outstanding running comfort
- Efficiency and reliability on the highest level of quality
- Service-friendly, e.g. replaceable drive motors
- Oil pump lubrication
- Electronic motor protection
- Suitable for conventional or chlorine-free HFC refrigerants

HG...e

Those compressors are efficiency optimised models.
By technical optimisations the motor-efficiency, gas flow and efficiency of the valve system are improved.

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Types	HP (motor code)
HGX56e/850 ML 18 LG	18
HGX56e/850 S 25 LG	25
HGX56e/995 ML 23 LG	23
HGX56e/995 S 30 LG	30
HGX56e/1155 ML 28 LG	28
HGX56e/1155 S 35 LG	35

In the new **LG** compressor series, the *motor code* is also included in the model name

Display of the *motor code* in the table "current types"

- **What does the motor code mean?**

- The motor code describes the compressor motor size based on the HP (Horse Power) of the compressor that is usual in refrigeration technology worldwide.

- **Why was this motor code introduced?**

- In various countries, the motor code is often used to roughly indicate the required refrigerating capacity or compressor size for a specific application.
- In response to repeated customer requests, we have introduced this motor code number to enable our customers to compare compressor manufacturers more easily.

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