

Emax

Oil-free and contactless single claw compressor

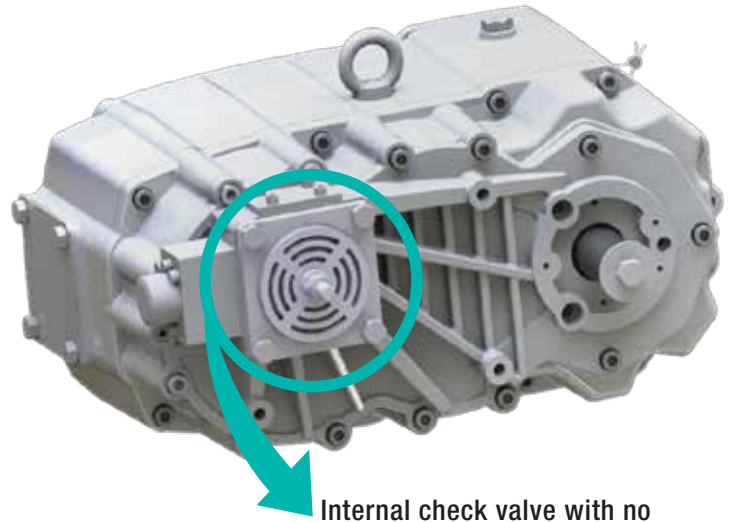


Alfons Haar

Emax with pulsating air flow

Decreases the risk of
pipe blockage; Improves
the discharge rate!

The protected unit!



Internal check valve with no
moving parts highly reliable
and "rugged"

You asked for:

- A simple oil-free compressor!
- Simple and inexpensive fitting!
- Direct prop shaft drive!
- Clockwise or anticlockwise rotation!
- Shorter discharge time than before!
- Clean air, free of contamination!
- Less maintenance, a robust machine, capable of forgiving small mistakes!
- Low drive shaft speed!
- Low noise levels at low frequencies!
- 260 to 520m³/h pulsating air flow!
- A discharge pressure of 2 bar gauge!

Added value means higher
profit margin:

- reduced weight = increase of
payload by 115 kg
= annually (approx.) € 862

- drive without belts and pulleys
= annually (approx.) € 225

- lower installation cost*
= one time saving (approx.) € 300

* because the check and relief valve are
parts of Emax also, no installation cost
of belts and pulleys

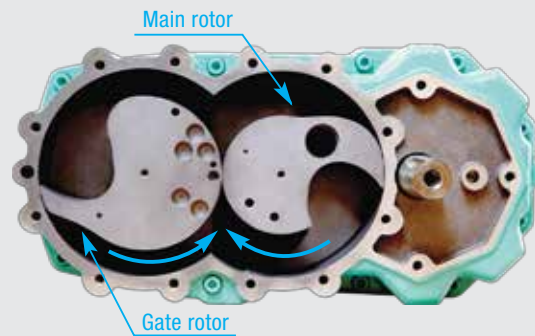
"Made in Germany"

TÜV CERT DIN EN ISO 9001 : 2008

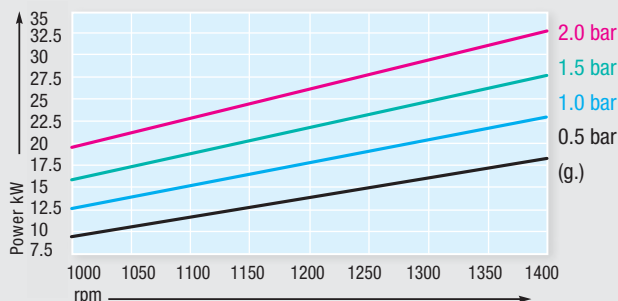


The answer: *Emax* with pulsating air flow

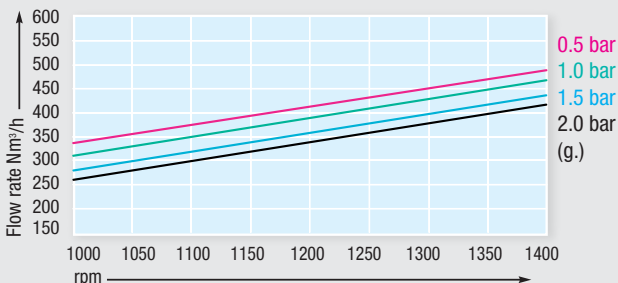
- The Emax claw compressor has been designed with low cost, simplicity and robustness in mind. The Emax is an alternative for oil-lubricated, heavy and dimensionally large compressors.
- The inexpensive direct prop shaft saves additional parts like timing toothed/V-belt drives and the associated costs.
- For Emax the pressure relief and non-return valves are component parts of the machine and are balanced with the pulsated air flow. The cost of installation of separate valves is eliminated.
- The fitting of the compressor inside the chassis permits the option to fit additional tanks and/or toolboxes e.g.
- The pulsating airflow assists in achieving an optimal rate and helps to avoid blockages in your product line.
- The design uses the intake air to keep the gearbox oil at optimum temperature level. Therefore an external oil cooler is not required!
- The compressor has a drive shaft at each end to allow for clockwise and anticlockwise drive options. It is simply a matter of turning the machine through 180° and interchanging the shaft protection cover. So there is no need to have different versions in stock.



POWER REQUIREMENTS KW



FLOW Nm³/h



ANCILLARIES IN STOCK

- Air Inlet Filter
- Friction Coupling
- Air cooler
- Hydraulic Drive Systems
- Silencer

DIMENSIONS

Weight 110 kg

