

Cmax 3

Oil free screw compressor



Alfons Haar

Ex II 3GD T2 CE certificate

Cmax 3 R 21/R 25



Cmax 3 L 16/L 21



Cmax 3 R 21 HV



Cmax 3 R 21

In acoustic enclosure, bottom air cooling, ready to mount (shown without cover), all necessary parts are built in.



Cmax 3 R 21

In acoustic enclosure, side air cooling, ready to mount

Added value saves you money:
 - Weight advantage of 50 kg can generate annually € 330,-
 - In-chassis mounting for a larger fuel tank annually € 2.000,-*
 = total annually € 2.330,-
 *Basic of calculation:
 For every 50 fuel tank refill cycles, with 200 l of fuel purchased at a 0,20 €/l discount



Cmax 3 R 21

Prop shaft drive, torque coupling, air filter, oil cooler, oil filter, air cooler; Not visible: ORVA 2 FE, silencer



Cmax 3 R 21 HV

Hydraulic drive, air filter, oil cooler, Compressor Protection Box, Hymax 15 – the hydraulic cooler



Cmax 3 R 21

Stationary, in acoustic enclosure

“Made in Germany”

TÜV CERT DIN EN ISO 9001 : 2008



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TECHNICAL DATA

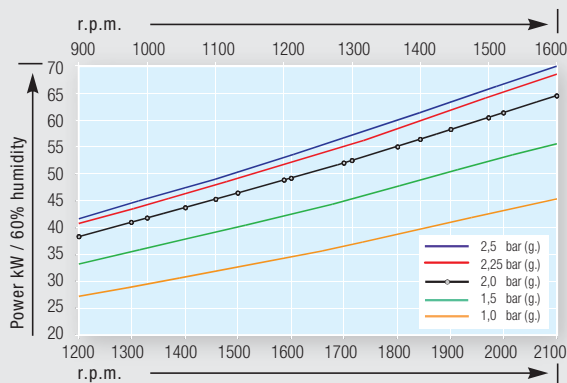
Cmax 3	R 21 / R 25 <small>(also available as vacuum machine)</small>	L16 / L21	R 21 HV / HS
WEIGHT	109 kg	123 kg	133 kg
SPEED	1200 - 2100 rpm 1500 - 2500 rpm	900 - 1600 rpm 1200 - 2100 rpm	1200 - 2100 rpm
FLOW RATE	620 - 1100 Nm ³ /h		
SUCTION CONDITION	max. 50 mbar		
TEMPERATURE at 2 bar (g.)	175°C (at 20°C ambient condition)		
OIL COOLER	Electrical or mechanical type		
PRESSURE	2.5 bar (g.) at 50 mbar vacuum/20°C ambient condition		

ANCILLARIES

- **ORVA2** - combined non return relief valve associated with
- **CPB/Compressor Protection Box** - the best protection for every compressor
- **Torque Coupling** - coupling to protect PTO
- **Cocoon** - acoustic enclosure
- **Silencer** - absorptive
- **TFS** - air filter
- **AC** - air cooler
- **Hydraulic drive systems**

The warranty can be extended **up to 4 years** with Alfons Haar service contract and ancillaries

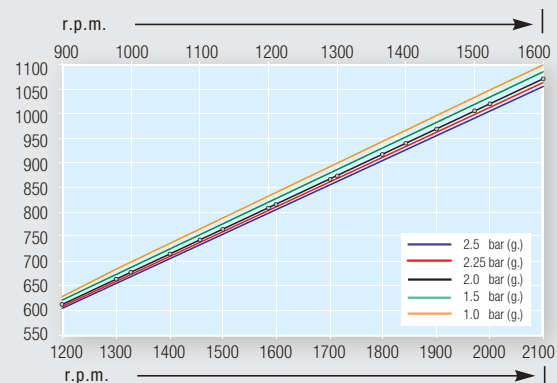
REQUIRED POWER Cmax 3 L16



Cmax 3 R 21, ...L21, ...R 21 HV / HS

1550 ——— Cmax 3 R 25 ———> | 2500

FLOW RATE Nm³/h Cmax 3 L16



Cmax 3 R 21, ...L21, ...R 21 HV / HS

1550 ——— Cmax 3 R 25 ———> | 2500

DIMENSIONS Cmax 3 R 21/R 25

