

Data sheet

Compressor vacuum-pump
for suction vehicles



VacuStar L 400

Compressor vacuum-pump

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VacuStar L 400

Compressor vacuum-pump

■ Overview



CVS develops and manufactures compressor vacuum-pumps specifically designed for installation in vacuum trucks. The development is made in close collaboration with our customers. This guarantees the optimum product for your application.

The compressor vacuum-pump

The air cooled series L was developed especially for the high requirements on mounting in small suction vehicles with tank sizes up to 5 m³.

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■ Features

- High quality compressor vacuum-pumps from CVS for higher suction level and more suction power
- Unique and robust design guarantee long lasting performance and high operating hours
- Compact and light-weight compressor vacuum-pumps for higher payload on the truck

Compressor vacuum-pumps with system

The series L delivers a maximum volume flow of up to 345 m³/h / 203 cfm. To change between pressure and suction operation you can use the changeover four-way valve. With connected cell aeration system 100 mbar / 27 HG" (90%) in continuous operation are possible.

Technical subject to alteration



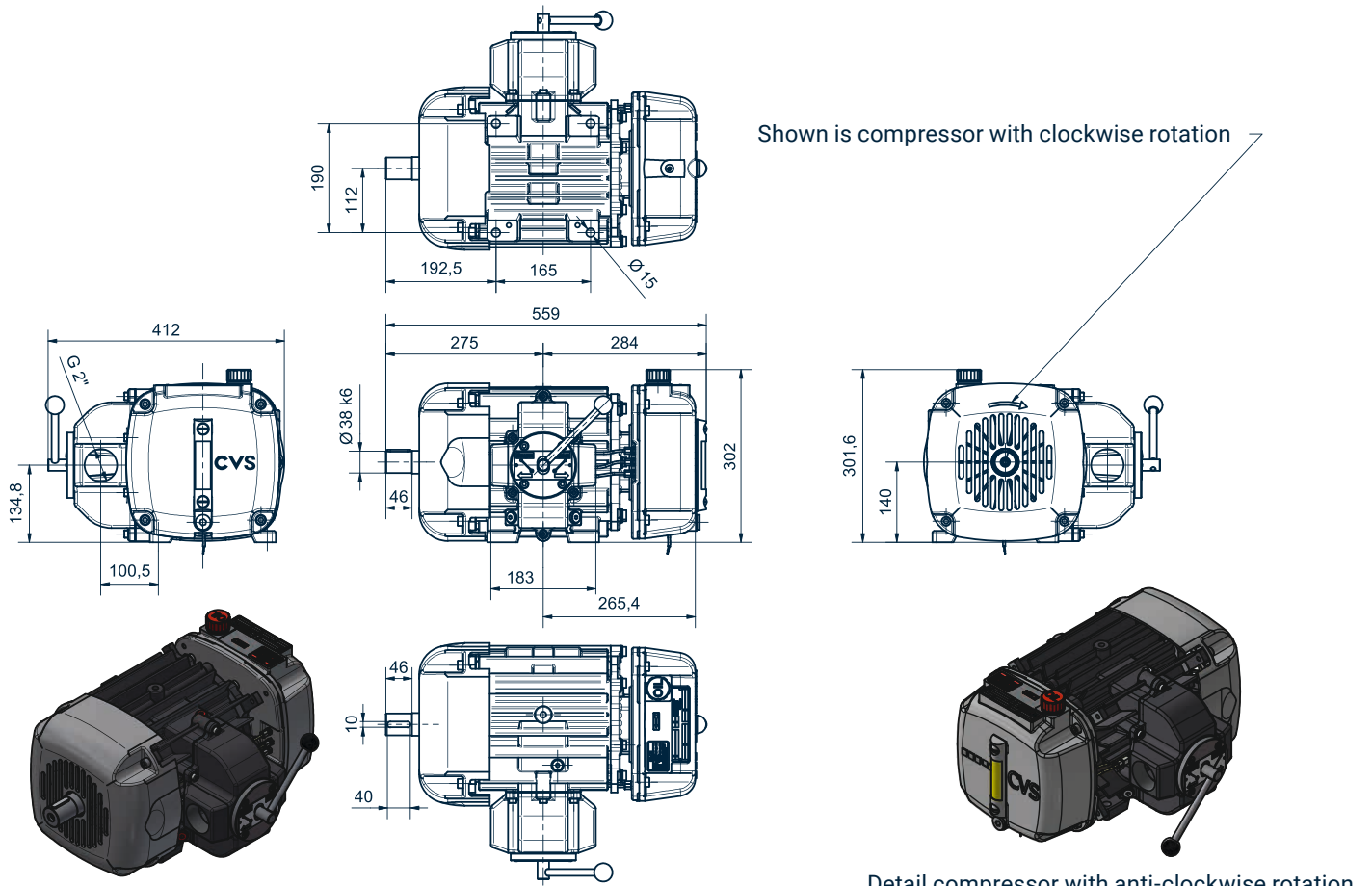
■ Advantages

- Connectivity for integrated cell aeration
- Connectivity for hydraulic motor
- Optimized cooling
- Visual oil level indicator
- Shaft end exposed for driving using V-belts, cardan shaft and flexible coupling

■ Optional

- Plasma-nitrided housing for difficult conditions, thus increased resistance to abrasive, adhesive and corrosive wear.
- The integrated cell ventilation reduces the air outlet temperature > Increased service life due to lower thermal stress for rotor vanes, bearings, oil and housing.

■ Dimensions



■ Technical data

		VacuStar L 400
Max. suction volume flow	m³/h / cfm	345 / 203
Max. operating pressure	bar g / psig	1.5 / 21.3
Max. operating vacuum*	mbar / HG"	100 / 27
Nominal speed	1/min / rpm	1500
Power requirement at 0.5 bar g / 7.25 psig	kW / hp	10 / 13.4
Sound pressure level in 7 m distance, at 0.5 bar g / 7.25 psig	dB(A)	78
Weight incl. changeover four-way valve	kg / lb	85 / 187

* with cell aeration

Technical subject to alteration