CVS ENG.
THINKING AHEAD

VacuStar L 400

Compressor vacuum-pump

CVS develops and manufactures compressor vacuumpumps 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.

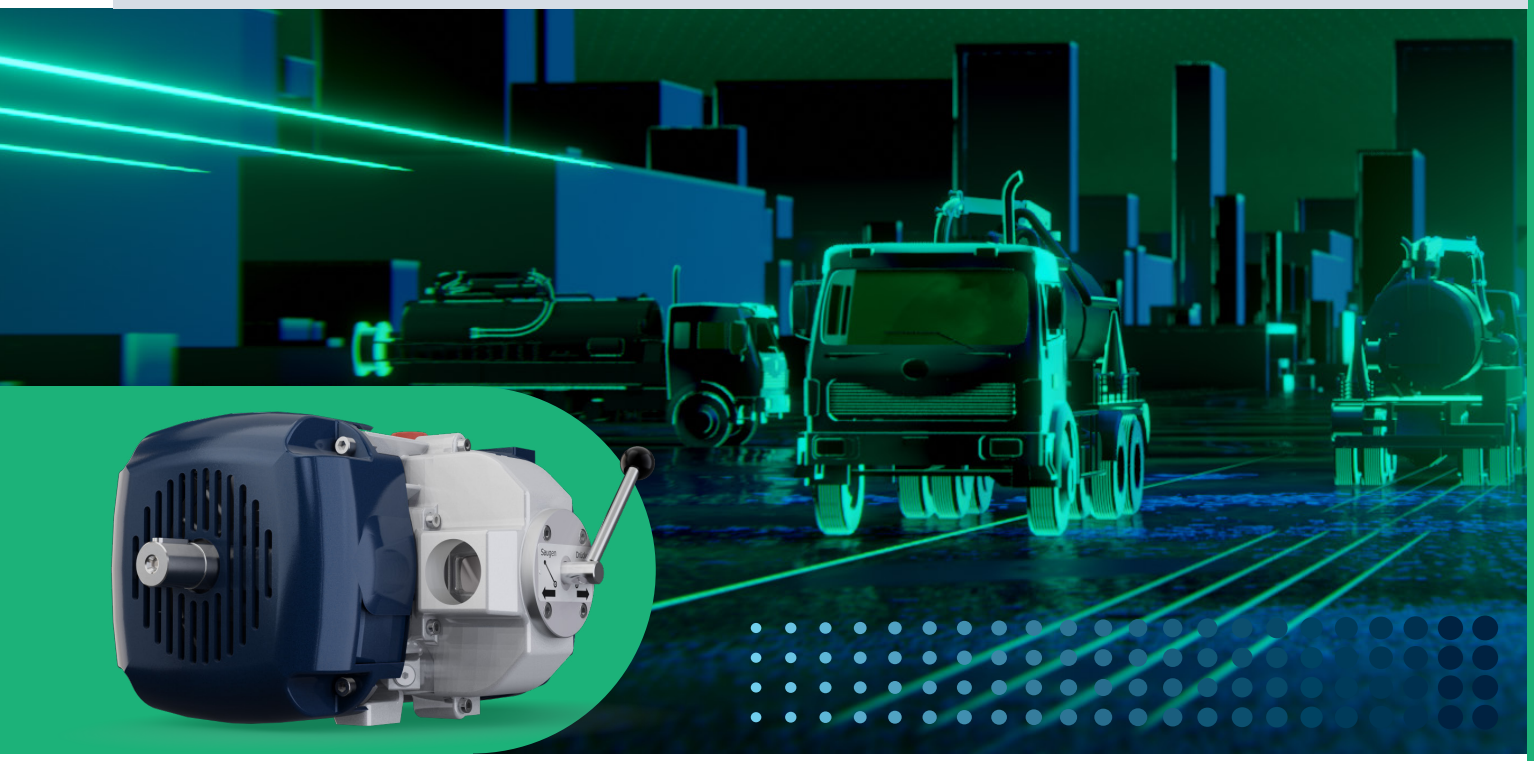
Features

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.



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**

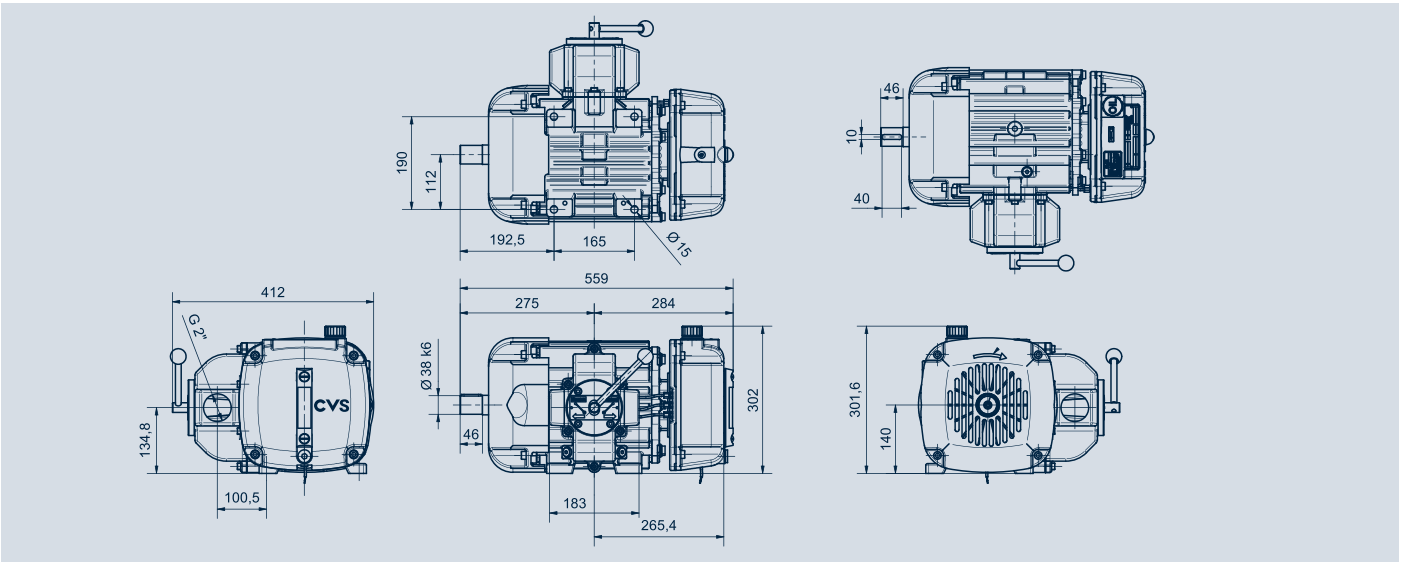


Optional

- **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.**

Technical data		
	Unit	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 with cell aeration	mbar (HG")	100 (27)
Nominal speed	1/min (rpm)	1,500
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)





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