CVS ENG.
THINKING AHEAD

VacuStar WR 800 – 1600

Liquid ring 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 liquid ring compressor vacuum-pump: The series WR was developed especially for the high requirements on mounting in suction vehicles, municipal vacuum trucks and combination trucks (combined suction and water jetting).

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

Liquid ring compressor vacuum-pumps with system:
The series WR consists of 5 sizes with a volume flow of up to 4063 m³/h / 2391 cfm.



Advantages

- **Modular design for flexible mounting on the truck**
- **Mechanical seal**
- **Low weight design by using aluminum**
- **Flexible connection options**
- **Installation friendly design**
- **Only one water drain**
- **Maintenance-free operation**

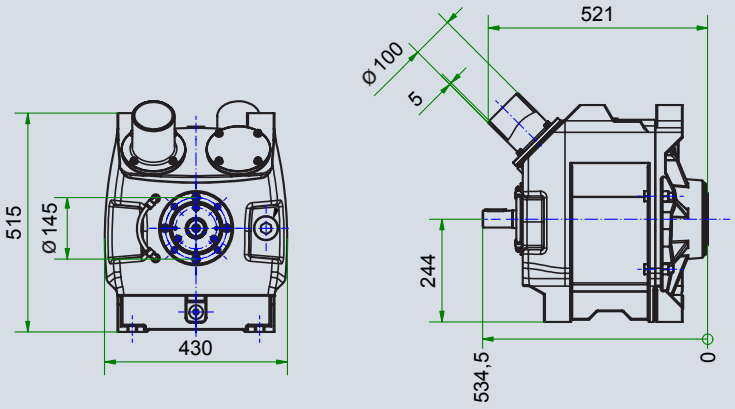


Optional

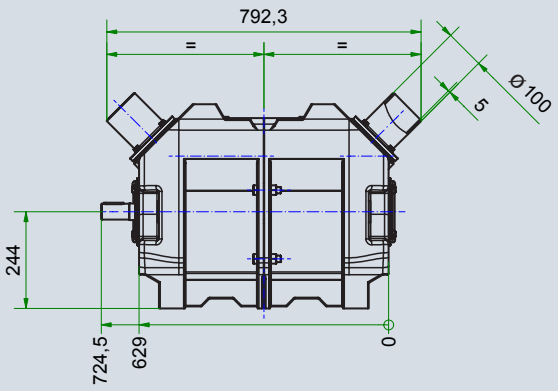
- **Drive via v-belt or hydraulic**
- **Ceramic-coated housing**
- **The integrated cell ventilation protects the water ring pump against cavitation > Increased service life.**

Technical data			
	Unit	**VacuStar WR 800**	**VacuStar WR 1600**
Max. suction volume flow	m³/h (cfm)	800 (470)	1600 (940)
Max. operating pressure	bar g (psig)	2 (30)	2 (30)
Max. operating vacuum with cell aeration	mbar (HG")	130 (26)	130 (26)
Nominal speed	1/min (rpm)	800 – 1,800	800 – 1,800
Power requirement at 0.5 bar g / 7.25 psig	kW (hp)	~27.5 (37.4)	~52.0 (70.7)
Sound pressure level in 7 m distance, at 0.5 bar g / 7.25 psig	dB(A)	~70	~70
Weight incl. changeover four-way valve	kg (lb)	~75 (165)	~110 (240)

VacuStar WR 800



VacuStar WR 1600



CVS ENG. THINKING AHEAD

CVS engineering GmbH
Grossmattstraße 12 + 14
79618 Rheinfelden

T: +49 7623 71 741-0
F: +49 7623 71 741-90
info@cvs-eng.de

www.cvs-eng.de