

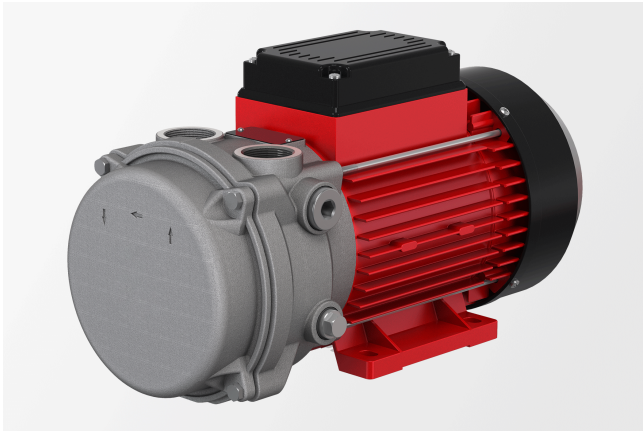
Product data sheet

Liquid ring vacuum pump

VI series

The water savers

Single-stage close-coupled pumps with internal water retention system with mechanical seal



Description

- » Liquid ring vacuum pump
- » Close-coupled pump
- » Mechanical seal
- » Single-stage
- » Inverted design
- » Internal water retention system
- » Specially selected materials and seals for application-specific designs
- » Oil-free vacuum generation
- » Use of condensed process medium as the operating liquid
- » Liquid carry over at a constant vacuum

Markets and applications

Chemical and pharmaceutical industry

- » Distillation
- » Evaporation
- » Degasification

Food and beverage industry

- » Aspiration
- » Degasification
- » Sterilisers

Medical technology

- » Steam sterilisation systems
- » Lab autoclaves

Get in touch with us!

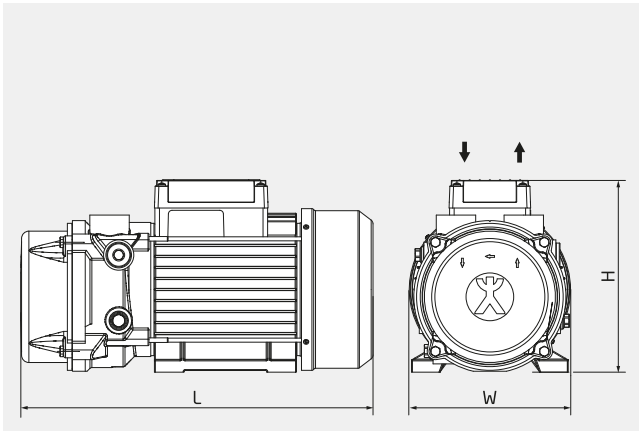
Speck Pumpen Vakuumtechnik GmbH
Regensburger Ring 6-8
91154 Roth
Deutschland

Make a non-binding enquiry

info@speck.de

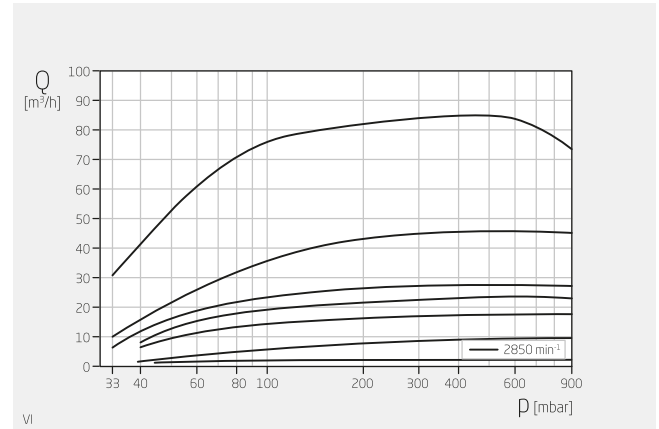
Technical data

International system of units, alternating current 50 Hz



H	143-209 mm
W	107-170 mm
L	210-287 mm

Dimensions may vary depending on the design.



Specifications apply for dry air at 20°C at nominal speed and operating water at 15°C.

Product type	Liquid ring vacuum pump
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Stages	1
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Shaft sealing	Mechanical seal
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Pump design	Close-coupled pump
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Typical media	Dry and moist gases
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Variable speed	Frequency-converter-compatible motor on request
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Suction pressure ext.	33-800 mbar
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Suction capacity	2.2-85.0 m³/h
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Motor current type	3~
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Type of motor	Asynchronous motor
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Nominal motor power	0.12 - 3.0 kW
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Nominal motor speed	2850 rpm
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Suction-side connection design	Threaded
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Suction-side connection size	G ¼"-G 1"
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Pressure-side connection design	Threaded
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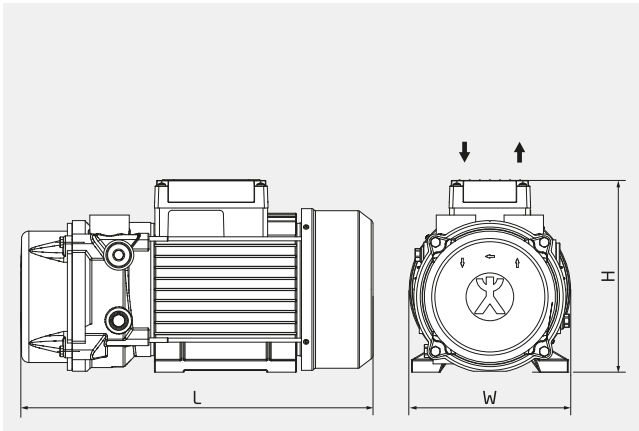
Pressure-side connection size	G ¼"-G 1"
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Material designs	Stainless steel Free of non-ferrous metals Grey cast iron
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Explosion protection	None II 3G, II 3D II 2G, II 2D II 2/2G
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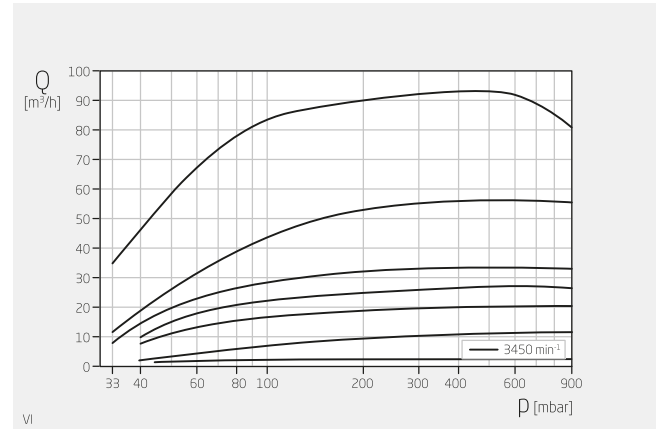
Technical data

International system of units, alternating current 60 Hz



H	143-209 mm
W	107-170 mm
L	210-287 mm

Dimensions may vary depending on the design.



Specifications apply for dry air at 20°C at nominal speed and operating water at 15°C.

Product type	Liquid ring vacuum pump
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Stages	1
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Shaft sealing	Mechanical seal
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Pump design	Close-coupled pump
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Typical media	Dry and moist gases
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Variable speed	Frequency-converter-compatible motor on request
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Suction pressure ext.	33-800 mbar
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Suction capacity	2.4-94.0 m³/h
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Motor current type	3~
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Type of motor	Asynchronous motor
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Nominal motor power	0.18 - 4.0 kW
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Nominal motor speed	3450 rpm
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Suction-side connection design	Threaded
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Suction-side connection size	G ¼"-G 1"
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Pressure-side connection design	Threaded
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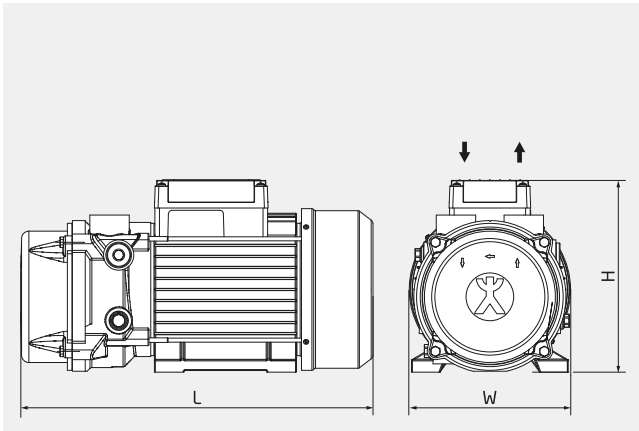
Pressure-side connection size	G ¼"-G 1"
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Material designs	Stainless steel Free of non-ferrous metals Grey cast iron
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Explosion protection	None II 3G, II 3D II 2G, II 2D II 2/2G
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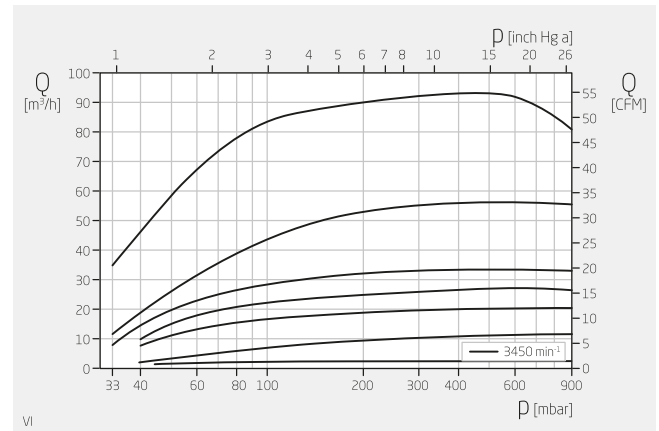
Technical data

Anglo-American system of measurement, alternating current 60 Hz



H	5,63-8,23 inch
W	4,21-6,69 inch
L	8,27-11,30 inch

Dimensions may vary depending on the design.



Specifications apply for dry air at 68 °F at nominal speed and operating water at 59°F.

Product type	Liquid ring vacuum pump
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Stages	1
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Shaft sealing	Mechanical seal
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Pump design	Close-coupled pump
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Typical media	Dry and moist gases
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Variable speed	Frequency-converter-compatible motor on request
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Suction pressure ext.	1.0-23.6 inHg
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Suction capacity	1.4-55.3 CFM
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Motor current type	3~
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Type of motor	Asynchronous motor
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Nominal motor power	0.24-5.4 HP
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Nominal motor speed	3450 rpm
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Suction-side connection design	Threaded
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Suction-side connection size	G ¼"-G 1"
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Pressure-side connection design	Threaded
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Pressure-side connection size	G ¼"-G 1"
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Material designs	Stainless steel Free of non-ferrous metals Grey cast iron
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Explosion protection	None II 3G, II 3D II 2G, II 2D II 2/2G
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