Product data sheet

Vacuum unit

Speed-controlled vacuum unit with liquid ring vacuum pump from the VG series



Description

- Vacuum unit with liquid ring vacuum pump from the VG series
- Speed-controlled
- Designed for suction of air with low levels of water
- On-demand vacuum generation for high efficiency
- Easy to install in the place of existing vacuum pumps
- Decentralised system, intelligent control system, easy to operate

Markets and applications

Plastics processing

- Wet and dry calibration of plastic profiles
- Extruder compounding

Get in touch with us!

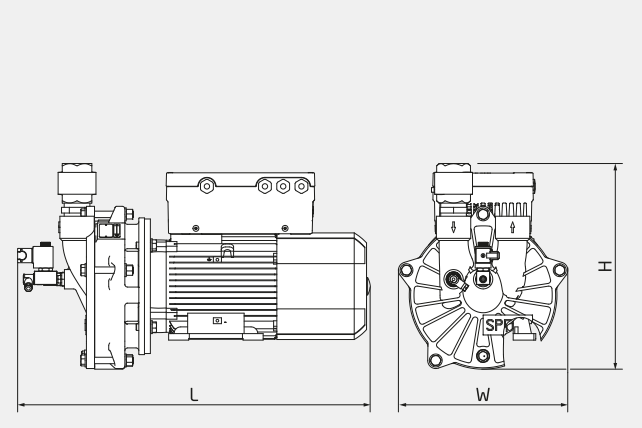
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Make a non-binding enquiry

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Technical data

International system of units, alternating current



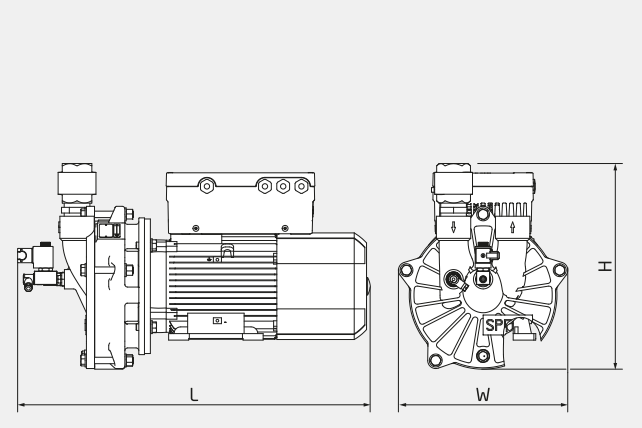
H	267–343 mm
W	166–315 mm
L	477–666 mm

Dimensions may vary depending on the design.

Product type	BluSystems vacuum unit
Shaft sealing	Mechanical seal
Pump design	Close-coupled pump (liquid ring vacuum pump)
Typical media	Gases with water shares
Variable speed	Yes
Max. rel. negative pressure	-930 mbar
Max. suction capacity – gas	146 m³/h
Max. suction capacity – water	2.5 m³/h
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	1.5 – 5.5 kW
Motor frequency	20 – 60 Hz
Suction-side connection design	Threaded Flange in acc. with DIN EN 1092 and ANSI B 16.5
Suction-side connection size	G 1" – G 2½", DN 40 – DN 50
Pressure-side connection design	Threaded Flange in acc. with DIN EN 1092 and ANSI B 16.5
Pressure-side connection size	G 1" – G 2½", DN 40 – DN 50
Material designs	Stainless steel Grey cast iron
Explosion protection	None

Technical data

Anglo-American system of measurement, alternating current



H	10,51–13,50 inch
W	6,54–12,40 inch
L	18,78–26,22 inch

Dimensions may vary depending on the design.

Product type	BluSystems vacuum unit
Shaft sealing	Mechanical seal
Pump design	Close-coupled pump (liquid ring vacuum pump)
Typical media	Gases with water shares
Variable speed	Yes
Max. rel. negative pressure	-27.5 inHg
Max. suction capacity – gas	85.9 CFM
Max. suction capacity – water	1.5 CFM
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	2.0 – 7.4 HP
Motor frequency	20 – 60 Hz
Suction-side connection design	Threaded Flange in acc. with DIN EN 1092 and ANSI B 16.5
Suction-side connection size	G 1" – G 2½", DN 40 – DN 50
Pressure-side connection design	Threaded Flange in acc. with DIN EN 1092 and ANSI B 16.5
Pressure-side connection size	G 1" – G 2½", DN 40 – DN 50
Material designs	Stainless steel Grey cast iron
Explosion protection	None