

MVC-0100-515

Claw vacuum pumps



Predictable

- Stable behaviour under real operating conditions.
- Fewer adjustments. Fewer deviations.
- Costs under control from day one.



Accessible

- Quick, straightforward maintenance.
- Direct access to critical components.
- No unnecessary dependencies.



Direct response

- Direct intervention, no middlemen.
- We act on the complete system to reduce downtime and ensure continuity.

BUILT FOR RELIABLE PLANT OPERATION

Design built around real-world operation

Optimised for continuous duty

Stability under process conditions

Hassle-free maintenance

Direct access to key components

Fewer points of failure

Components built to last

Thermal stability

Less operational wear

Configured to the application

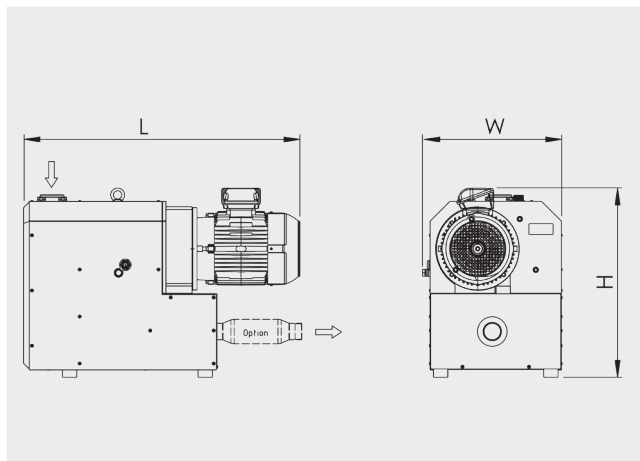
Variable speed drives, monitoring, versions (ATEX, Aqua, O2), tailored filtration

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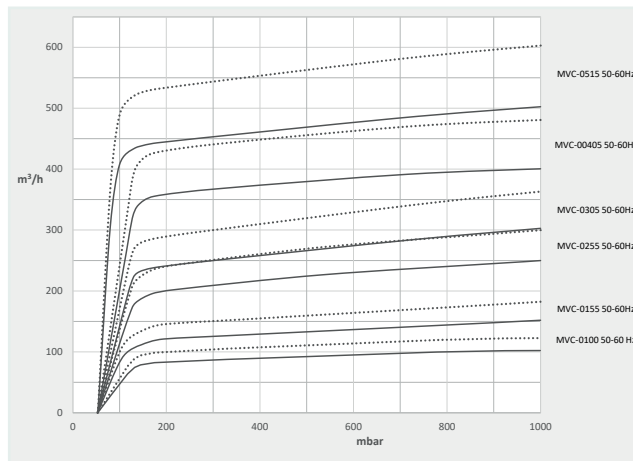
Claw vacuum pumps



DIMENSIONS



PERFORMANCE CURVE



TECHNICAL SPECIFICATIONS

	MVC-0100	MVC-0155	MVC-0255
Nominal pumping speed	100 / 120 m³/h (50 / 60 Hz)	150 / 180 m³/h (50 / 60 Hz)	250 / 300 m³/h (50 / 60 Hz)
Ultimate pressure	50 mbar	50 mbar	50 mbar
Operating vacuum	180 mbar	180 mbar	180 mbar
Nominal motor rating	2.2 / 2.6 kW (50 / 60 Hz)	2.8 / 3.4 kW (50 / 60 Hz)	4.3 / 5.5 kW (50 / 60 Hz)
Nominal motor speed	2850 / 3450 rpm (50 / 60 Hz)	2850 / 3450 rpm (50 / 60 Hz)	2850 / 3450 rpm (50 / 60 Hz)
Noise level (ISO 2151)	76 / 77 dB(A) (50 / 60 Hz)	78 / 79 dB(A) (50 / 60 Hz)	77 / 79 dB(A) (50 / 60 Hz)
Approx. weight	106 kg	131 kg	233 kg
Dimensions (L x W x H)	709 × 548 × 399 mm (50 Hz)	837 × 422 × 562 mm (50 Hz)	961 × 501 × 685 mm (50 Hz)
	720 × 548 × 399 mm (60 Hz)	862 × 422 × 562 mm (60 Hz)	961 × 501 × 685 mm (60 Hz)
Gas inlet / outlet	G 1 1/2" / G 1 1/2"	G 1 1/2" / G 1 1/2"	G 2" / G 2"

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TECHNICAL SPECIFICATIONS

	MVC-0305	MVC-0405	MVC-0515
Nominal pumping speed	300 / 360 m ³ /h (50 / 60 Hz)	400 / 480 m ³ /h (50 / 60 Hz)	500 / 600 m ³ /h (50 / 60 Hz)
Ultimate pressure	50 mbar	50 mbar	50 mbar
Operating vacuum	180 mbar	180 mbar	180 mbar
Nominal motor rating	5.5 / 6.6 kW (50 / 60 Hz)	7.5 / 9 kW (50 / 60 Hz)	9 / 11 kW (50 / 60 Hz)
Nominal motor speed	2850 / 3450 rpm (50 / 60 Hz)	2850 / 3450 rpm (50 / 60 Hz)	2850 / 3450 rpm (50 / 60 Hz)
Noise level (ISO 2151)	77 / 80 dB(A) (50 / 60 Hz)	83 / 85 dB(A) (50 / 60 Hz)	84 / 85 dB(A) (50 / 60 Hz)
Approx. weight	255 kg	364 kg	450 kg
Dimensions (L x W x H)	975 × 501 × 685 mm (50 Hz)	1065 × 586 × 695 mm (50 Hz)	1120 × 586 × 695 mm (50 Hz)
	975 × 501 × 685 mm (60 Hz)	1105 × 586 × 695 mm (60 Hz)	1291 × 586 × 695 mm (60 Hz)
Gas inlet / outlet	G 2" / G 2"	G 3" / G 3"	G 3" / G 3"

NEED INFORMATION ABOUT MVC-0100-515?
FULL DETAILS ON OUR WEBSITE

marpavacuum.com/en

Contact us
by scanning this QR code

