

Part No.

V78008

BUSCH SECO SV 1008 C · Dry Rotary Vane Vacuum Pump



DESCRIPTION

The V78008 is the most compact pump in ATL Composites' dry-running rotary vane range, supplied as part of the BUSCH® SECO range. Designed and manufactured in Germany by Busch Vacuum Solutions, it delivers a nominal pumping speed of 7.3 m³/hr at 50 Hz from an 8.5 kg direct-drive unit — well suited to small and medium wet laminate vacuum bagging, veneer and core bonding, repair work and workshop degassing.

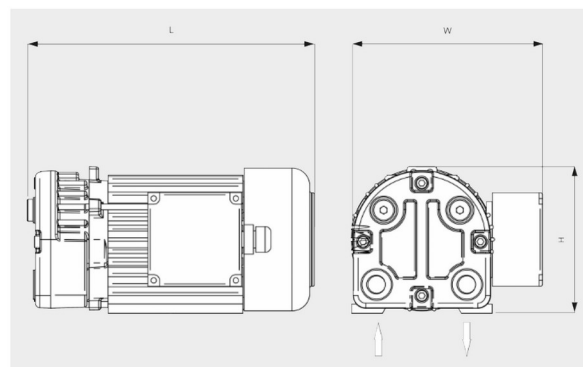
Self-lubricating vanes and lifetime-lubricated bearings allow continuous operation on clean, dry air with no operating fluid and no routine oil changes. ATL supplies the V78008 ready for workshop connection — pre-wired for 240 V single-phase operation and fitted as standard with a liquid-filled vacuum gauge, air bleed ball valve, cassette filter and 3-pin plug and lead.

BENEFITS

- Dry running — no operating fluid, no oil changes and no oil-mist contamination of the workshop
- Compact and light at 245 x 164 x 125 mm and 8.5 kg — easily moved between benches, moulds and job sites
- Direct-drive construction with self-lubricating vanes and lifetime-lubricated bearings for high uptime
- Rated for continuous operation on clean, dry air — ideal for long bagging and bonding cycles
- Supplied ready to run: 240 V single phase with gauge, air bleed valve, cassette filter and 3-pin plug
- Specified, supplied and supported by ATL Composites, exclusive BUSCH® distributor to the marine and composites industry



BUSCH SECO SV 1008 C dry rotary vane vacuum pump



Dimensional drawing — L 245 x W 164 x H 125 mm

TECHNICAL DATA

PUMP TYPE	Dry-running rotary vane vacuum pump
BUSCH MODEL	SECO SV 1008 C
NOMINAL PUMPING SPEED	7.3 / 8.8 m ³ /h (50 / 60 Hz)
ULTIMATE PRESSURE	150 hPa (mbar) (50 / 60 Hz)
NOMINAL MOTOR RATING	0.25 / 0.30 kW (50 / 60 Hz)
NOMINAL MOTOR SPEED	3000 / 3600 min ⁻¹ (50 / 60 Hz)
POWER SUPPLY	240 V single phase — supplied with 3-pin plug and lead
NOISE LEVEL (ISO 2151)	63 / 66 dB(A) (50 / 60 Hz)
WEIGHT (APPROX.)	8.5 kg

TECHNICAL DATA

DIMENSIONS (L X W X H)	245 x 164 x 125 mm
GAS INLET / OUTLET	G ¾" / G ¾"
LUBRICATION	Dry — self-lubricating vanes, no operating fluid
SUPPLIED AS STANDARD	Liquid-filled vacuum gauge; air bleed ball valve and filter with 3/8" brass hose barb inlet; cassette-type filter; 3-pin plug and lead
OPTIONS / ACCESSORIES	Inlet filter; vacuum regulating unit; non-return valve (inlet); hose nipple
MATERIALS TO AVOID	Solvent vapours, uncured resin/styrene carry-over, water and abrasive dust — use an inlet filter and catch pot
STORAGE	Store dry and dust-free, indoors, between 0 °C and 40 °C

ATL PART NO.	BUSCH MODEL	NOMINAL PUMPING SPEED (50 / 60 Hz)	ULTIMATE PRESSURE	NOMINAL MOTOR RATING
V78008	SECO SV 1008 C	7.3 / 8.8 m³/h	150 hPa (mbar)	0.25 / 0.30 kW
V78010	SECO SV 1010 C	10 / 12 m³/h	150 hPa (mbar)	0.37 kW
V78016	SECO SV 1016 C	16 / 19 m³/h	150 hPa (mbar)	0.55 kW
V78025	SECO SV 1025 C	25 / 30 m³/h	120 hPa (mbar)	0.90 kW
V78040	SECO SV 1040 D	40 / 48 m³/h	120 hPa (mbar)	1.25 kW

Figures above are BUSCH published data at 50 / 60 Hz; ATL catalogue flow rates are rounded nominal values. All dry vane pumps are supplied 240 V single phase with gauge, air bleed valve, cassette filter and 3-pin plug. Contact ATL to confirm the correct pump for your mould size, process and cycle time.

DISCLAIMER

The information in this Technical Data Sheet is provided in good faith as general guidance only. Values stated are typical properties and should not be interpreted as guaranteed performance, specification limits, or design data. Product performance may vary depending on manufacturing processes, application methods, service conditions, storage, handling, and other factors beyond the control of ATL Composites Pty Ltd.

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