Part No.

V78010

BUSCH SECO SV 1010 C · Dry Rotary Vane Vacuum Pump

BUSCH VACUUM SOLUTIONS

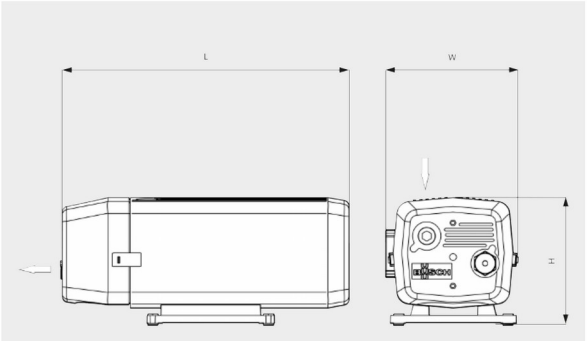
DESCRIPTION

The V78010 is a dry-running rotary vane vacuum pump supplied by ATL Composites as part of the BUSCH® SECO range. Designed and manufactured in Germany by Busch Vacuum Solutions, it delivers a nominal pumping speed of 10 m^3/hr with no operating fluid required — making it well suited to wet laminate vacuum bagging, vacuum bonding, core bedding and veneer bonding. Self-lubricating Aerodur 274 Zirkon vanes and lifetime-lubricated bearings allow continuous operation with clean, dry air and no routine oil changes. ATL supplies the V78010 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
- Direct-drive construction for a compact, robust and low-maintenance footprint
- Aerodur 274 Zirkon vanes deliver extended service life with high resistance to wear and humidity
- 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 series dry rotary vane vacuum pump (SV 1040 D shown)



Dimensional drawing — L 413 x W 239 x H 224 mm

TECHNICAL DATA	
PUMP TYPE	Dry-running rotary vane vacuum pump
BUSCH MODEL	SECO SV 1010 C
NOMINAL PUMPING SPEED	10 / 12 m^3/h (50 / 60 Hz)
ULTIMATE PRESSURE	150 hPa (mbar) (50 / 60 Hz)
NOMINAL MOTOR RATING	0.37 kW (50 / 60 Hz)
NOMINAL MOTOR SPEED	1500 / 1800 min^{-1} (50 / 60 Hz)
POWER SUPPLY	240 V single phase — supplied with 3-pin plug and lead
NOISE LEVEL (ISO 2151)	58 / 61 dB(A) (50 / 60 Hz)
WEIGHT (APPROX.)	21 kg

TECHNICAL DATA	
DIMENSIONS (L X W X H)	413 x 239 x 224 mm
GAS INLET / OUTLET	G ½" / G ½"
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
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
V78010	SECO SV 1010 C	10 / 12 m^3/h	150 hPa (mbar)	0.37 kW
V78016	SECO SV 1016 C	16 / 19 m^3/h	150 hPa (mbar)	0.55 kW
V78025	SECO SV 1025 C	25 / 30 m^3/h	120 hPa (mbar)	0.90 kW
V78040	SECO SV 1040 D	40 / 48 m^3/h	120 hPa (mbar)	1.25 kW

ATL also supplies V78008 (BUSCH SECO SV 1008 C, 8 m^3/hr dry vane). 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.

ATL products are intended for sale to industrial and commercial customers. Users are responsible for determining product suitability for their intended application and should conduct their own testing prior to use. ATL Composites Pty Ltd makes no express or implied warranties, including merchantability or fitness for purpose. ATL Composites Pty Ltd shall not be liable for any indirect, special, consequential, or economic loss.