

Seco

Rotary Vane Vacuum Pumps SV 1010–1040 C



- › **Dry-running:**
self-lubricating long life high performance vanes, no oil to fill, drain, change or discard
- › **Easy maintenance:**
lifetime-lubricated bearings, service kit on-site, standard tools
- › **Economical:**
low energy consumption, cost-effective maintenance, long life high performance vanes
- › **Compact:**
direct-drive construction

Seco SV dry-running rotary vane vacuum pumps are the compact, reliable and extremely powerful vacuum generators from Busch. Due to their lubricant-free operating principle, they can be used in many industrial applications where quick and reliable vacuum is required.

Seco SV rotary vane vacuum pumps are characterized by oil-free vacuum and a high level of availability and operational reliability. This is ensured by to hard-wearing and self-lubricating vanes made from special graphite, the robust construction and lifetime-lubricated bearings. The compact design of the Seco SV vacuum pumps means that they can be fitted or installed in any locations. The energy-efficient motor ensures economical operation.

Seco SV vacuum pumps are perfectly suited for use in pick and place applications for clamping and holding, medical, electronic, packaging and printing and many other industrial applications.

Seco rotary vane vacuum pumps are equipped with Aerodur 274 Zirkon vanes that are extremely resistant to wear and humidity. These vanes have a lifetime at least 3 times longer than any other standard vanes on the market, ensuring very high uptime and reduced operating costs for the end user.

Maintenance can be easily carried out by the operator. Aside from regular checks or changing of the vanes and filter replacement at recommended service intervals, no additional maintenance is required.

**Seco – The dry solution.
Compact and powerful.**



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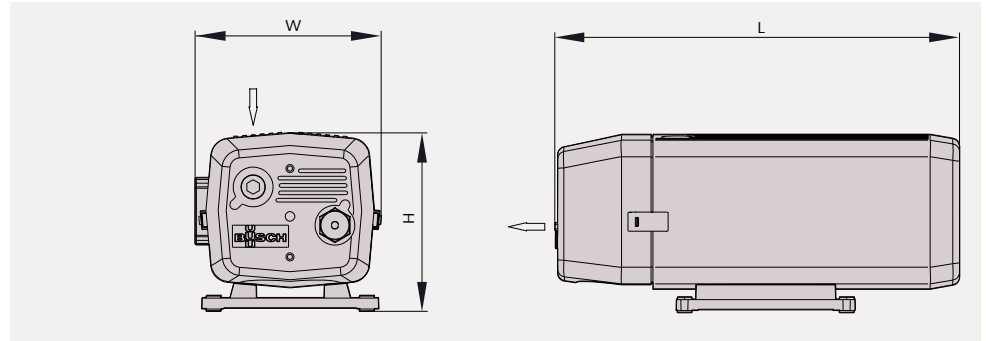
Technical specifications

Seco vacuum pumps work in accordance to the proven rotary vane technology. Due to self-lubricating rotor vanes, no operating fluid is necessary. The compression occurs as part of a completely dry process. A standardized integrated filter protects the vacuum pump from contamination. A consistently high vacuum level in continuous operation is ensured by perfectly coordinated materials, the special graphite vanes in the compression chamber, effective heat discharge and the state-of-the-art and precise manufacturing. A non-return valve (optional) prevents air from going back into the vacuum chamber when the vacuum pump is switched off. The unit is driven by an integrated motor which has a high level of efficiency.

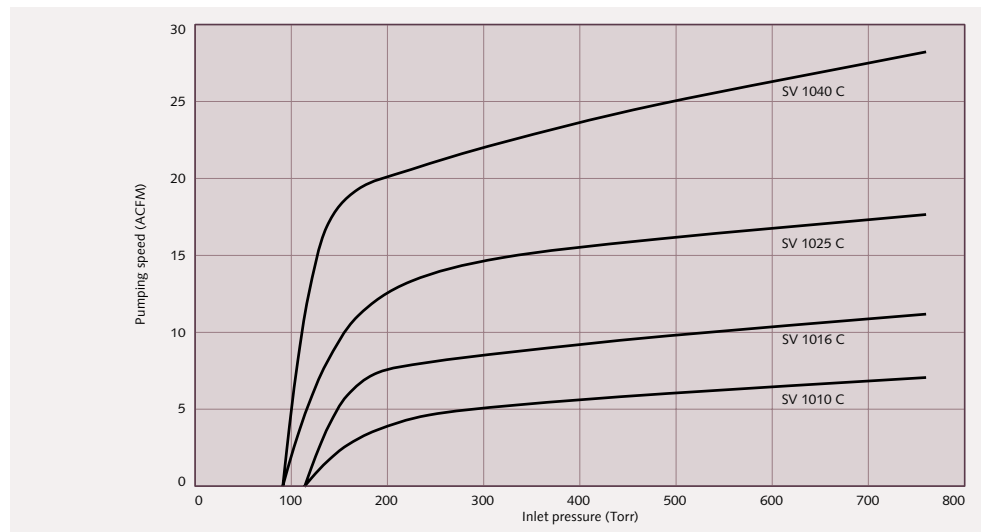
Accessories / Technical options

- Inlet filter
- Vacuum relief valve
- Non-return valve (inlet side)
- Hose nipple

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Pumping speed Air at 70 °F. Tolerance: ± 10%



Technical data		SV 1010 C	SV 1016 C	SV 1025 C	SV 1040 C
Max. pumping speed	ACFM	7.1	11.2	17.7	28.3
Ultimate pressure	Torr	112.5	112.5	90	90
Nominal motor rating	kW (HP)	0.37 (0.5)	0.55 (0.74)	0.92 (1.23)	1.25 (1.68)
Nominal motor speed	RPM	1800	1800	1800	1800
Sound level (ISO 2151)	dB(A)	62	63	66	70
Approximate weight	Lbs.	46	55	68	84
Dimensions (L x W x H)	inches	16 1/4 x 9 7/8 x 8 7/8	17 1/8 x 10 1/8 x 8 1/8	19 1/2 x 11 1/4 x 9 3/4	21 1/2 x 11 3/8 x 9 3/4
Gas inlet / outlet	NPT	1/2" / 1/2"	1/2" / 1/2"	3/4" / 3/4"	3/4" / 3/4"

All performance data is based on ambient conditions of 14.7 PSIA and 70 °F, and has a tolerance of ± 10%.

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Technical data is subject to change. Created in Germany. MG PL SECOSV10101040C USenU 10/2016 6.0