

Seco

Rotary Vane Compressors SD 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 SD dry-running rotary vane compressors are compact, reliable and extremely powerful. The proven dry-running rotary vane technology ensures an efficient and pulsation-free supply of blast and compressed air of up to 1 bar(g) for many industrial applications.

Seco rotary vane compressors are characterized by oil-free compression, a high level of availability, and operational reliability. This is ensured thanks to the hard-wearing and self-lubricating vanes made from special graphite, a robust construction and lifetime-lubricated bearings. The compact design of the Seco compressors means that they can be fitted or installed in many locations. Seco rotary vane compressors can therefore be used wherever reliable and oil-free compressed air is required.

Seco rotary vane compressors are perfectly suited for use in the aeration of liquids, e.g. waste water treatment. Moreover, Seco rotary vane compressors can be used to provide compressed air in printing and paper converting machines.

Seco rotary vane compressors are equipped with Aerodur 274 Zirkon vanes that are extremely resistant to wear and humidity. These vanes have a lifetime three times longer than 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. Apart from regular checks or changing of the vanes and filter replacement at recommended service intervals, no additional maintenance is required.

**Seco – generation of reliable
and oil-free compressed air.**



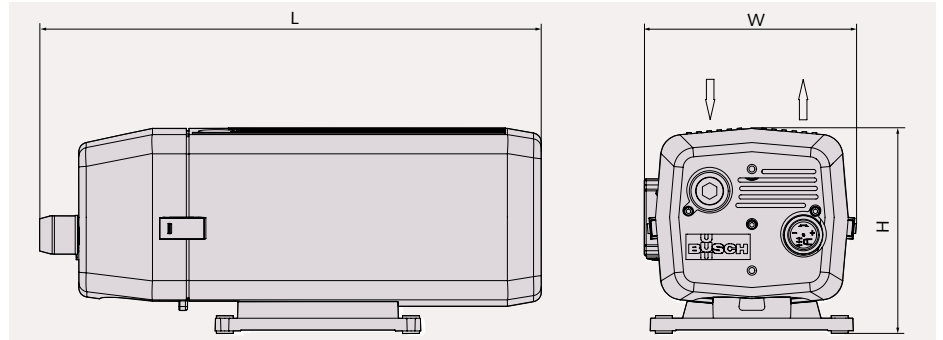
Technical specification

Seco compressors work on the basis of proven rotary vane technology. Thanks to self-lubricating rotor vanes, no operating fluid is necessary. Compression occurs as part of a completely dry process. A standardized, integrated filter protects the compressor from contamination. A consistently high vacuum level in continuous operation is ensured through perfectly coordinated materials, special graphite vanes in the compression chamber, effective heat discharge as well as state-of-the-art and precise manufacturing. The standardized pressure regulating valve makes it easy to set the pressure to the perfect level.

Accessories/technical options

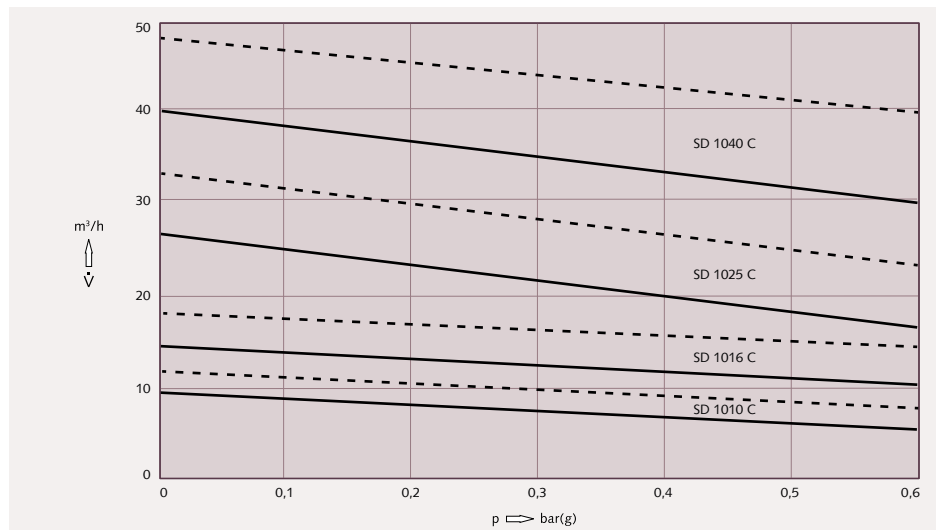
- Inlet filter
- Non-return valve (exhaust side)
- Hose nipple

Seco SD 1010–1040 C



Volume flow

Air at 20 °C. Tolerance: ± 10% — 50 Hz - - - - 60 Hz



Technical Data			SD 1010 C	SD 1016 C	SD 1025 C	SD 1040 C
Nominal pumping speed	50 Hz / 60 Hz	m³/h	10 / 12	16 / 19	25 / 30	40 / 48
Overpressure	50 Hz / 60 Hz	bar(g)	0.6	0.6	0.6*	0.6*
Nominal motor rating	50 Hz / 60 Hz	kW	0.37 / 0.37	0.55 / 0.55	0.9 / 0.9	1.25 / 1.25
Nominal motor speed	50 Hz / 60 Hz	min ⁻¹	1500 / 1800	1500 / 1800	1500 / 1800	1500 / 1800
Noise level (ISO 2151)	50 Hz / 60 Hz	dB(A)	60 / 62	61 / 63	62 / 66	66 / 70
Weight approx.		kg	21	25	31	38
Dimensions (L x W x H)		mm	461 x 250 x 224	484 x 256 x 224	542 x 284 x 246	592 x 289 x 246
Gas inlet/ outlet			G ½" / G ½"	G ½" / G ½"	G ¾" / G ¾"	G ¾" / G ¾"

* 1 bar(g) version available on request