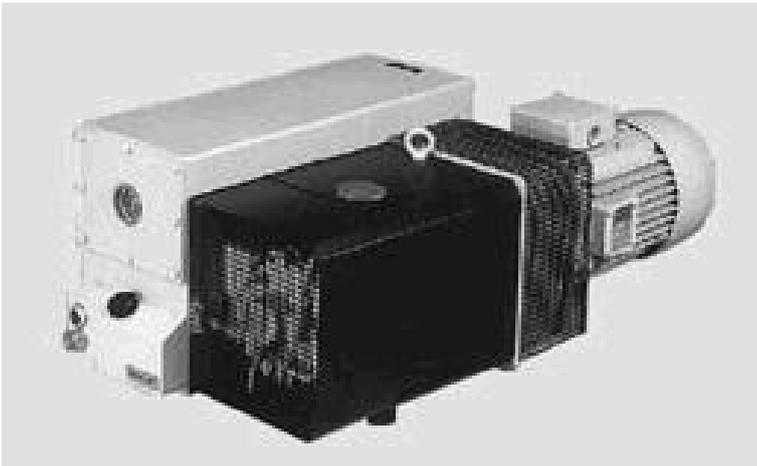


Product-Information

SOGEVAC SV 300

Rotary Vane Vacuum Pump
SOGEVAC



Product-Illustration

**Product Range,
Features and Design**

Oil sealed rotary vane vacuum pumps are being used in all areas of vacuum engineering. They are equally suited for both industrial production and research applications. They may be used to generate a rough and medium vacuum or as backing pumps in pump combinations with Roots pumps or high vacuum pumps. By design, rotary vane pumps run quietly and do not produce much noise.

Product-Description

Application Examples

- Car industry
- Food industry
- Furnaces and plants
- Laser technology
- Medicinal technology
- Metallurgy
- Power engineering, long-distance energy
- Space simulation
- Vacuum coating

Advantages to the User

- Continuous operation from atmospheric pressure to ultimate pressure
- High pumping speed also at low pressures
- Low noise level
- Low vibrations

Product-Information

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Rotary Vane Vacuum Pump

SOGEVAC

- Integrated exhaust filter, up to 99.9% efficient
- No oil loss owing to the integrated oil return line
- Exhaust gas free of oil mists
- Efficient air cooling (standard)
- Water cooling (optional)
- Low space requirement, easy to install
- Rugged
- Maintenance-friendly
- Compact design
- For direct fitting to Roots pumps from SV 100 B or SV 100 up
- Optimum size-to-performance ratio
- High water vapor tolerance
- For use in various applications
- Wide range of accessories available for adaptation to differing problems

Compact Design

The pumps have been so designed that efficiency of the pumps will be high.

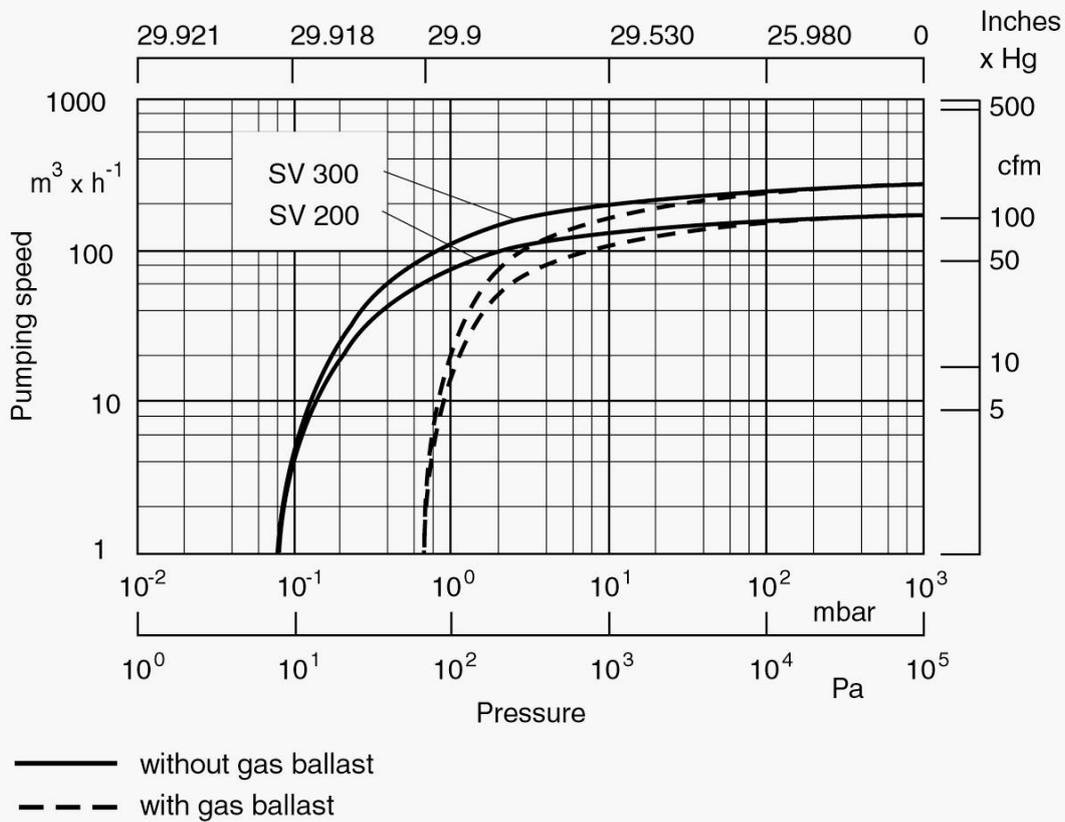
Supplied Equipment

All pumps are delivered with the required quantity of oil: SV 10 B to SV 65 (B) in a separate canister, whereas the SV 100 (B) to SV 1200 already contain the oil and are thus ready for operation.

Product-Information
SOGEVAC SV 300
 Rotary Vane Vacuum Pump
 SOGEVAC

Illustrations

Pumping speed characteristics at 50 Hz



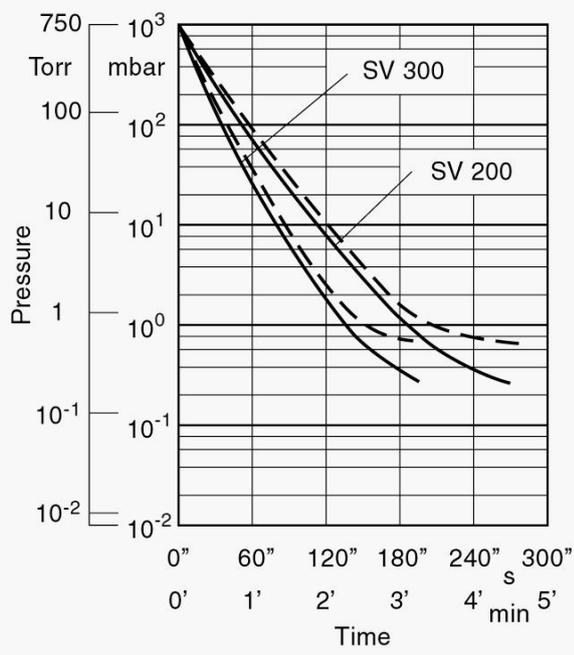
Product-Information

SOGEVAC SV 300

Rotary Vane Vacuum Pump
SOGEVAC

Illustrations

Pumping-down characteristics of a 1000 l vessel at 50 Hz

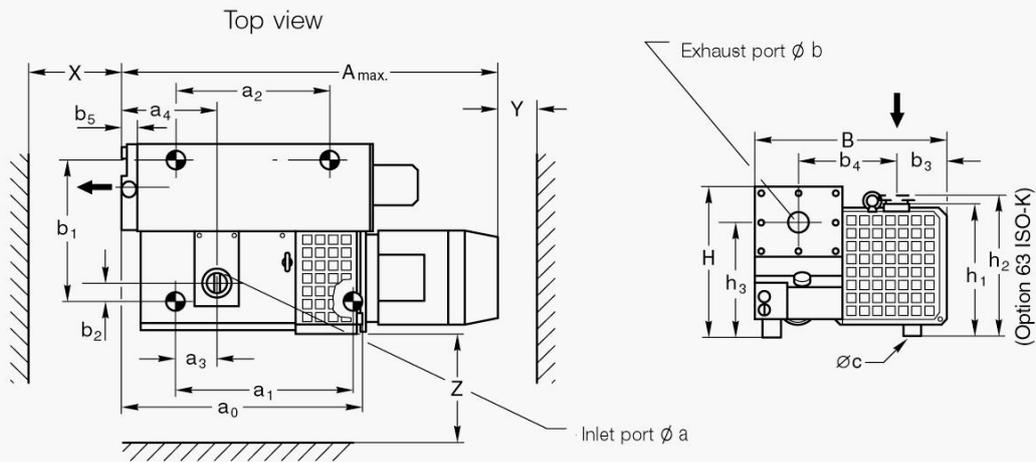


— without gas ballast
- - - with gas ballast

Product-Information
SOGEVAC SV 300
 Rotary Vane Vacuum Pump
 SOGEVAC

Illustrations

Dimensional drawing



all dimensions in mm

Type		ø a (G)	ø b (G)	A _{max}	a ₀	a ₁	a ₂	a ₃	a ₄	B	b ₁	b ₂
SV 200	mm	2"	2"	1)	548	390	252	62	214	535	394	50
	in.	2"	2"	1)	21.57	15.35	9.92	2.44	8.43	21.06	15.51	1.97
Type		b ₃	b ₄	b ₅	c	H	h ₁	h ₂	h ₃	X	Y	Z
SV 200	mm	140	269	40	M10	415	352	392	318	350	150	300
	in.	5.51	10.59	1.57	M10	16.34	13.86	15.43	12.52	13.78	5.91	11.81

1)		A _{max}
SV 200, Europe	mm	940
	in.	37.0
SV 200, USA	mm	960
	in.	38.0