

SOGEVAC

SV40 B-SV65 B

Single-stage, oil-sealed Rotary Vane Vacuum Pumps



SOGEVAC Rotary Vane Pumps

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Advantages of SOGEVAC single-stage rotary vane vacuum pumps:

- integrated exhaust filter
- integrated oil recovery system and anti suckback valve
- extremely low noise level
- high reliability
- different gas ballast versions available

The new SOGEVAC SV40 B and SV65 B offer:

- compact design and smallest footprint available on market
- integrated functions, no external pipes
- no motor coupling
- customer-oriented variant concept
- simplified maintenance
- extremely low noise level
- specific customer configurations

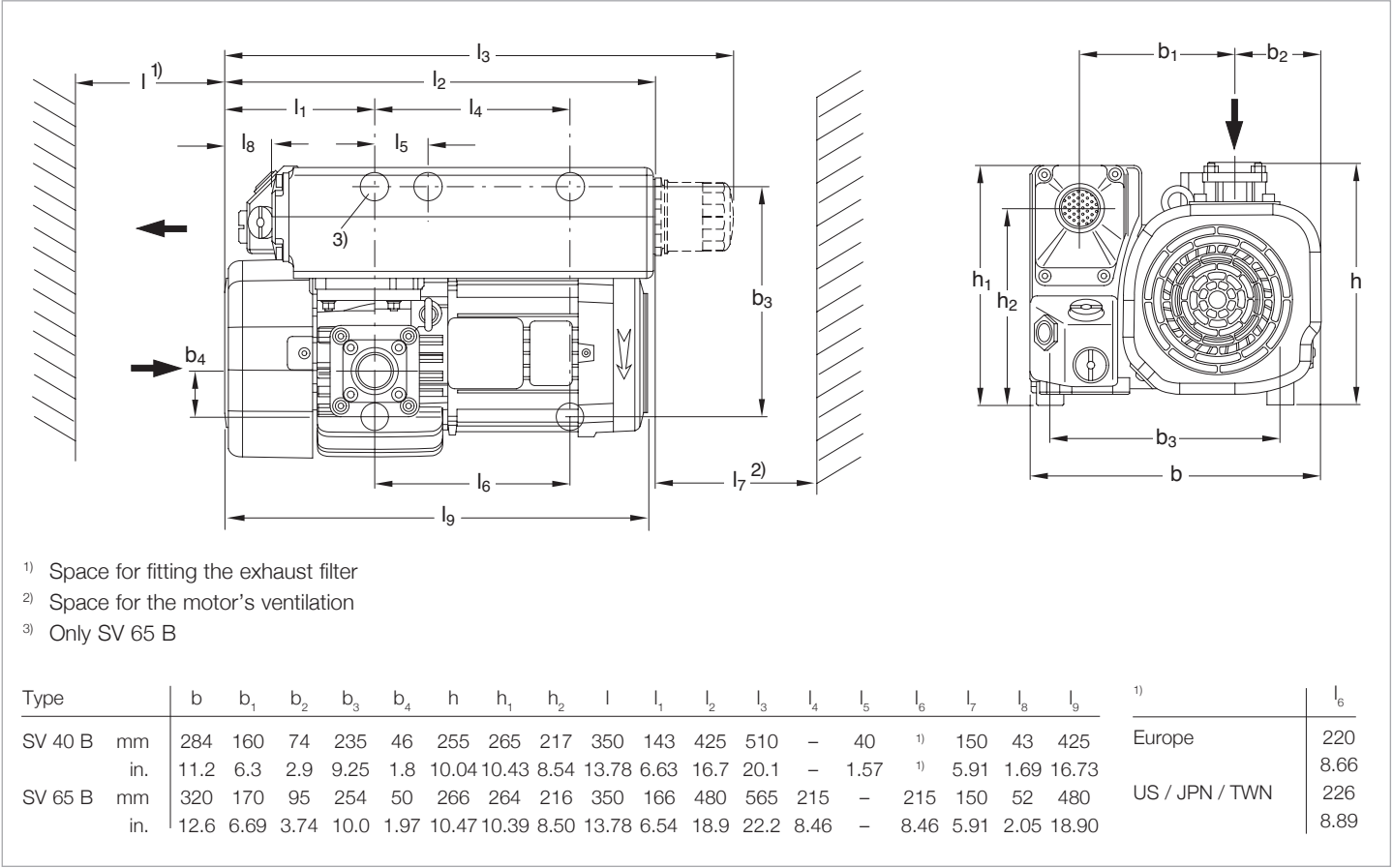
Ordering Information

Cat. No.	Type / Power Supply
960 302	SV40 B with 3-phase motor without gas ballast, with oil filter 230/400 V, 50 Hz 460 V, 60 Hz
960 301	SV40 B with 3-phase motor with small gas ballast, without oil filter 230/400 V, 50 Hz 460 V, 60 Hz
960 305	SV40 B with 3-phase motor with standard gas ballast, without oil filter 230/400 V, 50 Hz 460 V, 60 Hz
960 402	SV65 B with 3-phase motor without gas ballast, with oil filter 230/400 V, 50 Hz 460 V, 60 Hz
960 401	SV65 B with 3-phase motor with small gas ballast, without oil filter 230/400 V, 50 Hz 460 V, 60 Hz
960 405	SV65 B with 3-phase motor with standard gas ballast, without oil filter 230/400 V, 50 Hz 460 V, 60 Hz

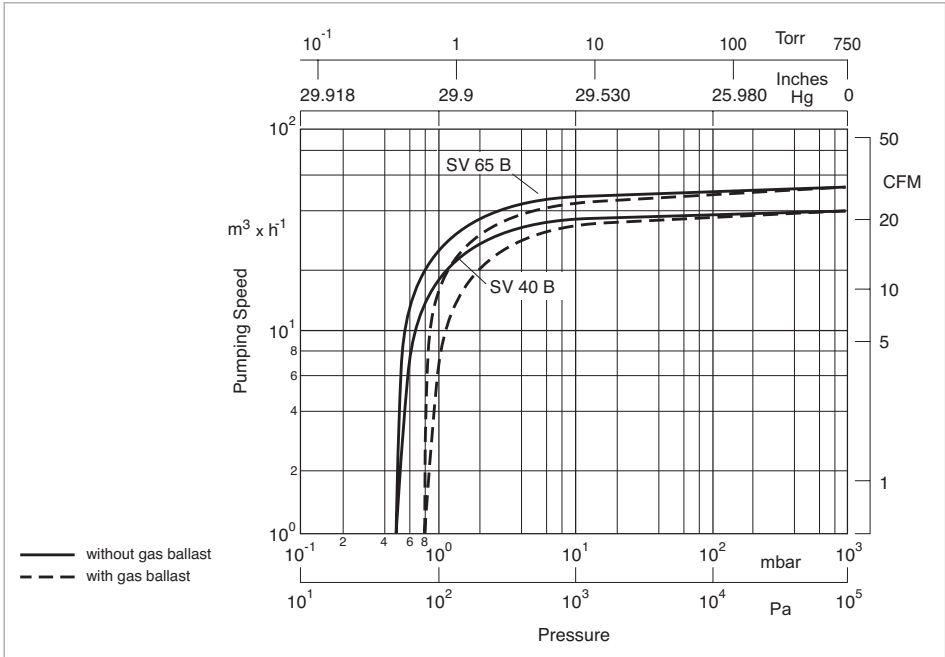
Other voltages / frequencies upon request

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Dimensional drawing for the SOGEVAC SV 40 B and SV 65 B with standard motor, European version



Pumping speed characteristics of the SOGEVAC SV 40 B and SV 65 B at 50 Hz

Technical Data

SOGEVAC rotary vane vacuum pumps		SV40 B		SV65 B	
		50Hz	60Hz	50Hz	60Hz
Nominal pumping speed	m ³ ·h ⁻¹	44	53	59	71
Pumping speed (according to PNEUROP)	m ³ ·h ⁻¹	38.5	47	54	64
Ultimate partial pressure without gas ballast	mbar	≤ 0.5			
Ultimate total pressure with small gas ballast	mbar	≤ 0.8			
Ultimate total pressure with standard gasballast	mbar	≤ 1.5			
Water vapor tolerance	mbar	10	10	10	10
with small gas ballast		30	30	30	30
Water vapor tolerable load	kg·h ⁻¹	0.28	0.34	0.36	0.42
with small gas ballast		0.76	0.90	1.00	1.25
Ambient temperature	°C	12 - 40			
Motor power (for IEC motors)	kW	1.1	1.5	1.5	1.8
Rated rotational speed	min ⁻¹	1500	1800	1500	1800
Noise level	dB(A)	58	60	60	64
Protection - Insulation	IP-55 F				
Oil capacity	l	1		2	
Net weight (with oil filling)	kg	43	45	49	52
Intake connection	G 1 1/4				
Exhaust connection					

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