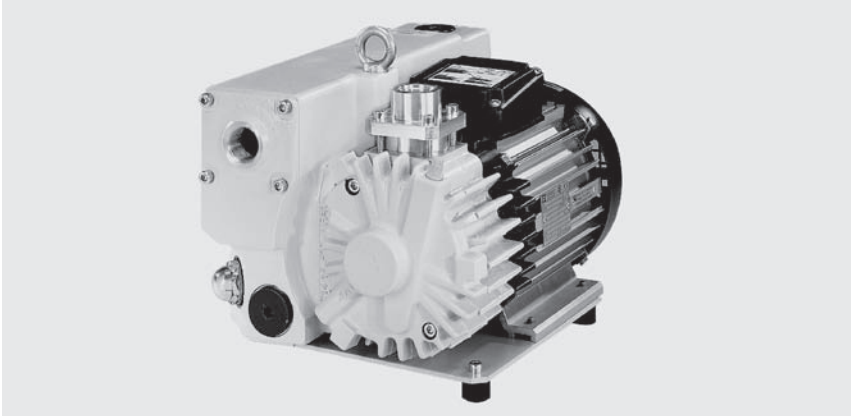
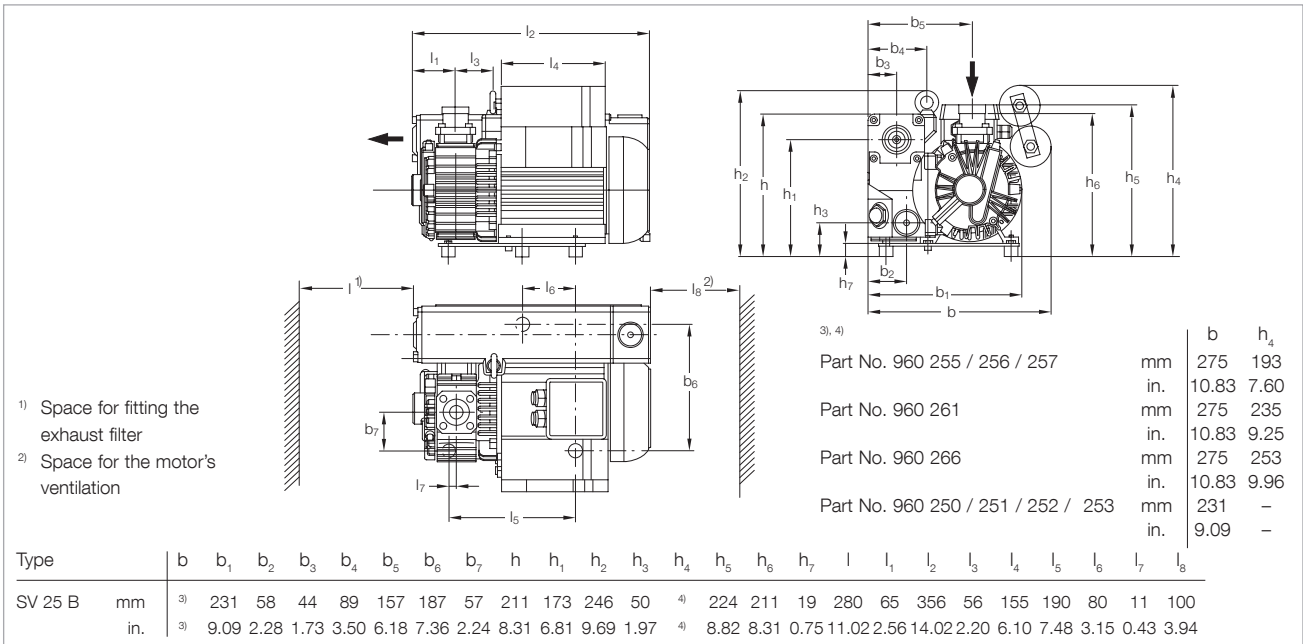


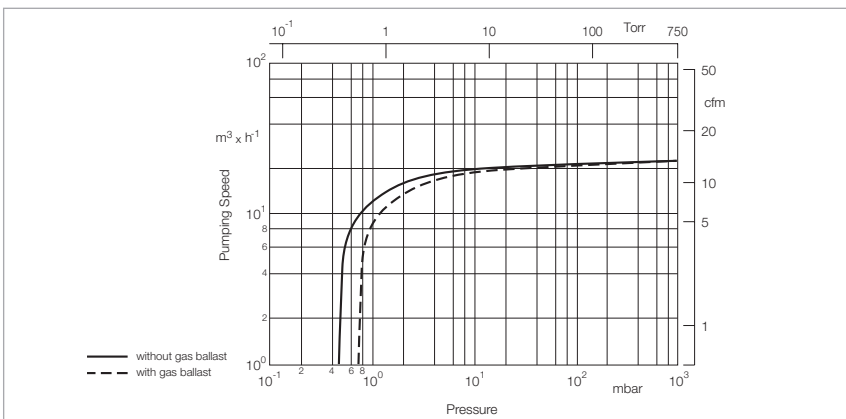
SOGEVAC SV 25 B



SOGEVAC SV 25 B



Dimensional drawing for the SOGEVAC SV 25 B



Pumping speed characteristics of the SOGEVAC SV 25 B at 50 Hz
(60 Hz curves at the end of the chapter)

Technical Data
SOGEVAC SV 25 B

		50 Hz	60 Hz
Nominal speed ¹⁾	m ³ /h (cfm)	26.0 (15.3)	31.0 (18.3)
Pumping speed ¹⁾	m ³ /h (cfm)	22.5 (13.3)	25.0 (14.7)
Ultimate total pressure without gas ballast ¹⁾	mbar (Torr)	≤ 0.5 (≤ 0.4)	
Ultimate total pressure with gas ballast ¹⁾	mbar (Torr)	≤ 0.8 (≤ 0.6)	
Water vapor tolerance ¹⁾	mbar (Torr)	10.0 (7.5)	
Water vapor capacity	g/h (qt/hr)	85 (0.09)	100 (0.11)
Oil capacity	l (qt)	0.5 (0.53)	
Noise level ²⁾	dB(A)	64	67
Admissible ambient temperature	°C (°F)	12 to 40 (54 to 104)	
Motor power	kW (hp)	0.9 (1.2)	1.1 (1.5)
Nominal speed	min ⁻¹ (rpm)	3000 (3000)	3600 (3600)
Type of protection	IP	55-F	
Weight (with oil filling)	kg (lbs)	26 (57.4) [three-phase] 27 (60.0) [single-phase]	
Dimensions (L x W x H)	mm (in.)	356 x 275 x 246 (14.02 x 10.83 x 9.69)	
Connections ³⁾			
Intake ⁴⁾	G or NPT	3/4" + 1/2"	
Exhaust	G or NPT	3/4"	

Ordering Information
SOGEVAC SV 25 B

	50 Hz	60 Hz
	Part No.	
SOGEVAC SV 25 B with three-phase motor, without gas ballast 200-240/346-415 V, 50 Hz and 200-277/346-480 V, 60 Hz (CEI)	960 250	
200-240/346-415 V, 50 Hz and 200-277/346-480 V, 60 Hz (CEI), NPT flanges	960 252	
with three-phase motor, with gas ballast 200-240/346-415 V, 50 Hz and 200-277/346-480 V, 60 Hz (CEI)	960 251	
200-240/346-415 V, 50 Hz and 200-277/346-480 V, 60 Hz (CEI), NPT flanges	960 253	
with single-phase motor, without gas ballast 230 V, 50/60 Hz (CEI)	960 255	
with single-phase motor, with gas ballast 230 V, 50/60 Hz (CEI)	960 256	
230 V, 50/60 Hz, NPT flanges (CEI)	960 257	
110-120 V, 60 Hz	upon request	
100 V, 50/60 Hz	upon request	
Other voltages/frequencies ⁵⁾	upon request	
Filling with special oil	upon request	
Accessories		
Exhaust filter cartridge AFE SV25B	714 13 280	
Spare Parts		
Maintenance kit	971 423 100	
Repair kit	971 423 450	
Seal kit FPM (FKM)	714 19 490	

¹⁾ To DIN 28 400 and following numbers

²⁾ Operated at the ultimate pressure without gas ballast, free-field measurement at a distance of 1 m (3.5 ft)

³⁾ Pumps with European and Japanese motors have G, pumps with NEMA motors have NPT

⁴⁾ 1/2" adapter supplied. Basic port is 3/4"

⁵⁾ Please indicate when ordering a pump

Materials (materials in contact with the gas) Steel cast iron, Aluminium, Bronze, FPM (FKM), Glass, Polyamid 6.6, Filter material, (Polymers, Paper) Epoxy resin & Glass fibre