

SAMOS SB 0310-1100 D2

Side channel blowers



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Reliable

Robust construction, effective air cooling, long lifetime, nearly maintenance-free, dry and contact-free operating principle, high differential pressures thanks to two compression stages

Flexible

Vacuum or overpressure operation, horizontal and vertical installation, various design options and ATEX-certified versions available

Quiet

Very low noise level, fully enclosed unit, internal silencers

Accessories, spare parts and options

- Vacuum relief valves
- Pressure relief valves
- Additional silencers
- Thermal protection (bimetal switch or PTC-thermistor)

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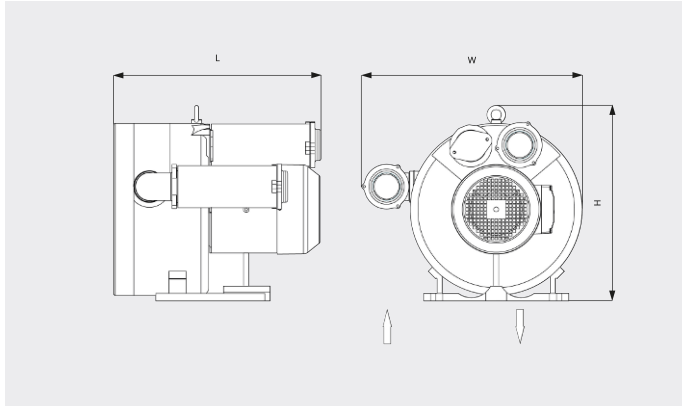
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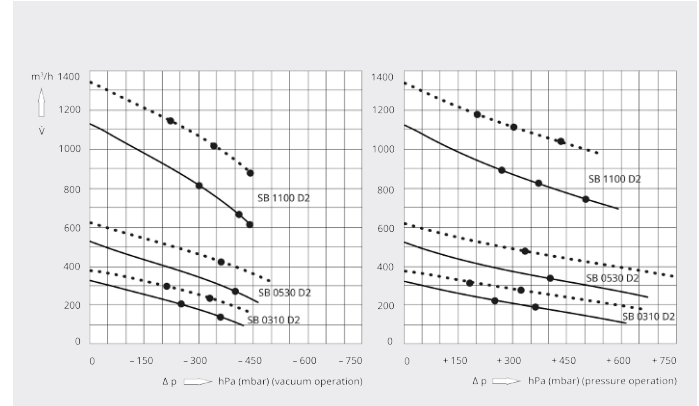
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$



	SAMOS SB 0310 D2	SAMOS SB 0310 D2	SAMOS SB 0530 D2
Nominal pumping speed/volume flow	217.8 ACFM	217.8 ACFM	364.9 ACFM
Max. differential pressure (vacuum version)	-172.5 TORR	-262.5 TORR	-315 TORR
Max. differential pressure (overpressure version)	150 TORR	240 TORR	262.5 TORR
Max. operating power	5.4 hp	7.1 hp	13.3 hp
Nominal motor speed	3525 RPM	3560 RPM	3555 RPM
Noise level (ISO 3744)	73 dB(A)	71 dB(A)	78 dB(A)
Weight approx.	131 Lbs.	146 Lbs.	421 Lbs.
Dimensions (L x W x H)	23.23 x 25.8 x 18.07 inches	22.44 x 25.8 x 18.07 inches	26.85 x 24.49 x 21.30 inches
Gas inlet / outlet	G 2" / G 2"	G 2" / G 2"	G 2½" / G 2½"

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	SAMOS SB 1100 D2	SAMOS SB 1100 D2	SAMOS SB 1100 D2
Nominal pumping speed/volume flow	788.7 ACFM	788.7 ACFM	788.7 ACFM
Max. differential pressure (vacuum version)	-165 TORR	-270 TORR	-330 TORR
Max. differential pressure (overpressure version)	142.5 TORR	225 TORR	307.5 TORR
Max. operating power	19.4 hp	26.7 hp	32.9 hp
Nominal motor speed	3560 RPM	3565 RPM	3560 RPM
Noise level (ISO 3744)	76 dB(A)	76 dB(A)	76 dB(A)
Weight approx.	659 Lbs.	676 Lbs.	707 Lbs.
Dimensions (L x W x H)	34.37 x 43,31 x 26.18 inches	34.37 x 43,31 x 26.18 inches	34.37 x 43,31 x 26.18 inches
Gas inlet / outlet	G 4" / G 4"	G 4" / G 4"	G 4" / G 4"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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