

SAMOS SB 0710-1400 D0

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

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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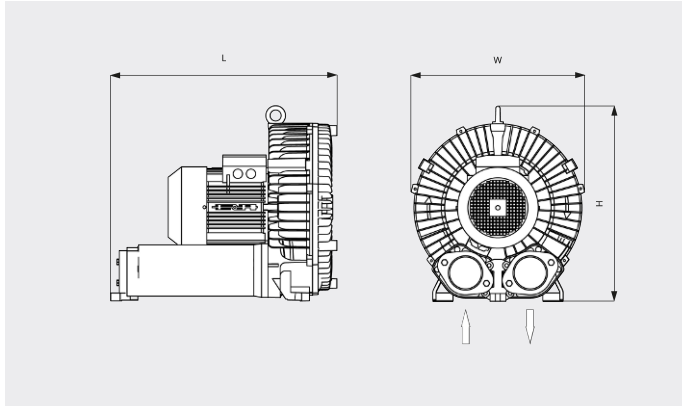
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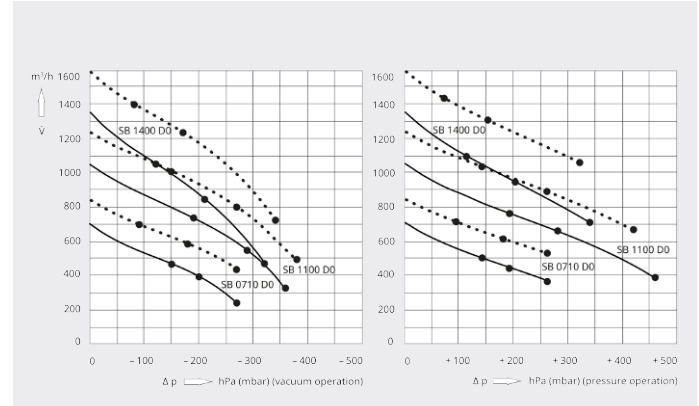
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$



	SAMOS SB 0710 D0	SAMOS SB 0710 D0	SAMOS SB 0710 D0
Nominal pumping speed/volume flow	482.6 ACFM	482.6 ACFM	482.6 ACFM
Max. differential pressure (vacuum version)	-90 TORR	-165 TORR	-255 TORR
Max. differential pressure (overpressure version)	82.5 TORR	142.5 TORR	232.5 TORR
Max. operating power	7.1 hp	9.8 hp	13.3 hp
Nominal motor speed	3560 RPM	3555 RPM	3555 RPM
Noise level (ISO 3744)	79 dB(A)	80 dB(A)	81 dB(A)
Weight approx.	253 Lbs.	275 Lbs.	301 Lbs.
Dimensions (L x W x H)	20.94 x 19.13 x 20.87 inches	21.69 x 19.13 x 20.87 inches	23.66 x 19.13 x 20.87 inches
Gas inlet / outlet	G 2½" / G 2½"	G 2½" / G 2½"	G 2½" / G 2½"

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	SAMOS SB 1100 D0	SAMOS SB 1100 D0	SAMOS SB 1100 D0
Nominal pumping speed/volume flow	735.7 ACFM	735.7 ACFM	735.7 ACFM
Max. differential pressure (vacuum version)	-112.5 TORR	-202.5 TORR	-285 TORR
Max. differential pressure (overpressure version)	105 TORR	195 TORR	345 TORR
Max. operating power	13.3 hp	19,4 hp	32.9 hp
Nominal motor speed	3555 RPM	3555 RPM	3560 RPM
Noise level (ISO 3744)	75 dB(A)	78 dB(A)	78 dB(A)
Weight approx.	476 Lbs.	520 Lbs.	498 Lbs.
Dimensions (L x W x H)	28.50 x 21.85 x 24.61 inches	28.97 x 21.85 x 26.18 inches	28.97 x 21.85 x 26.18 inches
Gas inlet / outlet	G 4" / G 4"	G 4" / G 4"	G 4" / G 4"

	SAMOS SB 1400 D0	SAMOS SB 1400 D0	SAMOS SB 1400 D0
Nominal pumping speed/volume flow	930.0 ACFM	930.0 ACFM	930.0 ACFM
Max. differential pressure (vacuum version)	-60 TORR	-127.5 TORR	-255 TORR
Max. differential pressure (overpressure version)	52,5 TORR	120 TORR	255 TORR
Max. operating power	13.3 hp	19,4 hp	32.9 hp
Nominal motor speed	3550 RPM	3555 RPM	3555 RPM
Noise level (ISO 3744)	75 dB(A)	78 dB(A)	78 dB(A)
Weight approx.	476 Lbs.	518 Lbs.	571 Lbs.
Dimensions (L x W x H)	28.50 x 21.85 x 24.61 inches	28.97 x 21.85 x 26.18 inches	28.97 x 21.85 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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