

SAMOS SB 0310-1100 D2

Side channel blowers



VACUUM SOLUTIONS



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

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

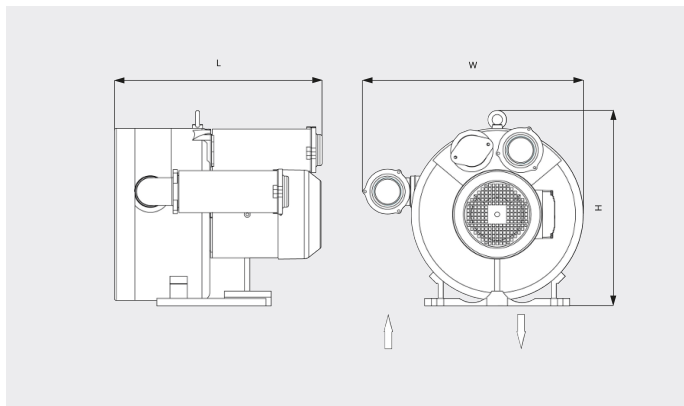
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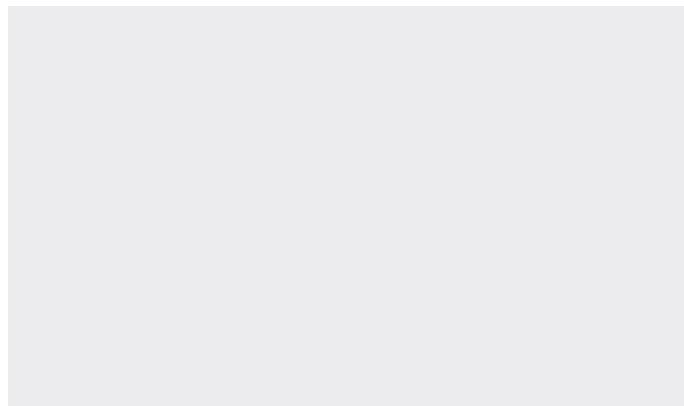


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Dimensional drawing



Pumping speed/Volume flow
Air at 20°C. Tolerance: $\pm 10\%$



	SAMOS SB 0310 D2	SAMOS SB 0310 D2	SAMOS SB 0530 D2
Nominal pumping speed/volume flow	217.7 ACFM	217.7 ACFM	364.9 ACFM
Max. differential pressure (vacuum version)	-157.5 TORR	-247.5 TORR	-270 TORR
Max. differential pressure (overpressure version)	135 TORR	240 TORR	247.5 TORR
Nominal motor rating	4,6 HP	6.4 HP	11.5 HP
Nominal motor speed	3450 RPM	3450 RPM	3450 RPM
Noise level (ISO 3744)	75 dB(A)	75 dB(A)	78 dB(A)
Weight approx.	112.2 Lbs.	116.6 Lbs.	391.6 Lbs.
Dimensions (L x W x H)	20.8 x 25.8 x 16.5 inches	20.8 x 25.8 x 16.5 inches	23.7 x 25.2 x 20.3 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	788.6 ACFM	788.6 ACFM	788.6 ACFM
Max. differential pressure (vacuum version)	-150 TORR	-255 TORR	-330 TORR
Max. differential pressure (overpressure version)	150 TORR	225 TORR	322.5 TORR
Nominal motor rating	19.4 HP	25.5 HP	30.8 HP
Nominal motor speed	3450 RPM	3450 RPM	3450 RPM
Noise level (ISO 3744)	84 dB(A)	84 dB(A)	84 dB(A)
Weight approx.	591.8 Lbs.	622.6 Lbs.	646.8 Lbs.
Dimensions (L x W x H)	33.9 x 43.3 x 22.8 inches	33.9 x 43.3 x 22.8 inches	33.9 x 43.3 x 22.8 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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