

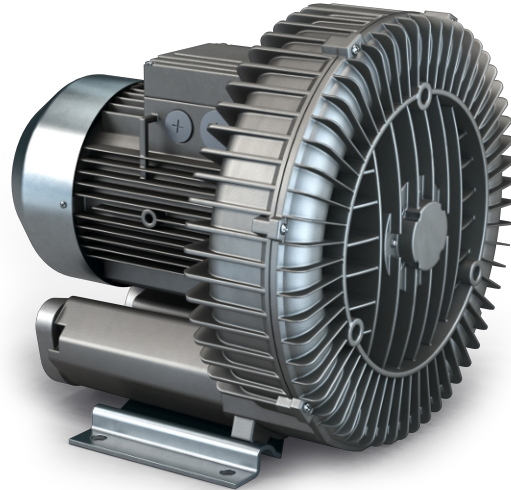
SAMOS SB 0310-0530 D0

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)

SAMOS SB 0310-0530 D0

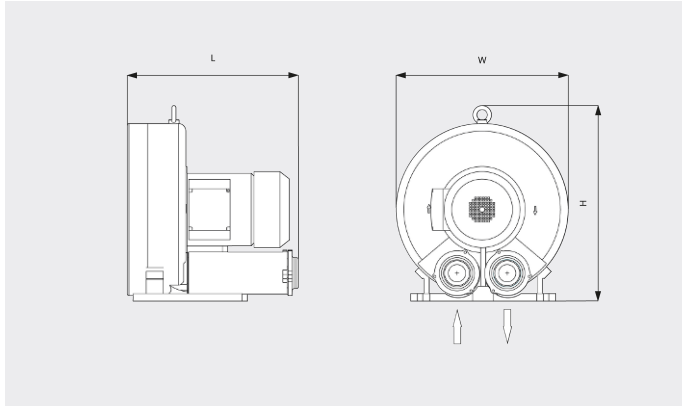
Side channel blowers



VACUUM SOLUTIONS

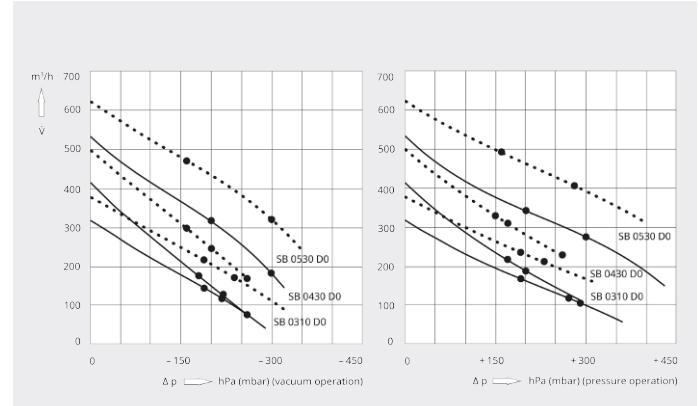
Part of the **BUSCH GROUP**

Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$



	SAMOS SB 0310 D0	SAMOS SB 0530 D0
Nominal pumping speed/volume flow	220.7 ACFM	220.7 ACFM
Max. differential pressure (vacuum version)	-142.5 TORR	-195 TORR
Max. differential pressure (overpressure version)	135 TORR	187.5 TORR
Max. operating power	4 hp	5.4 hp
Nominal motor speed	3530 RPM	3530 RPM
Noise level (ISO 3744)	70 dB(A)	71 dB(A)
Weight approx.	78 Lbs.	91 Lbs.
Dimensions (L x W x H)	15.59 x 15.08 x 16.89 inches	18.23 x 15.08 x 16.89 inches
Gas inlet / outlet	G 2" / G 2"	G 2" / G 2"

SAMOS SB 0310-0530 D0

Side channel blowers



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP

	SAMOS SB 0430 D0	SAMOS SB 0430 D0	SAMOS SB 0430 D0
Nominal pumping speed/volume flow	294.3 ACFM	294.3 ACFM	294.3 ACFM
Max. differential pressure (vacuum version)	-105 TORR	-172.5 TORR	-225 TORR
Max. differential pressure (overpressure version)	90 TORR	150 TORR	232.5 TORR
Max. operating power	4 hp	5.4 hp	7.1 hp
Nominal motor speed	3530 RPM	3530 RPM	3555 RPM
Noise level (ISO 3744)	70 dB(A)	71 dB(A)	71 dB(A)
Weight approx.	89 Lbs.	91 Lbs.	124 Lbs.
Dimensions (L x W x H)	16.06 x 15.08 x 17.09 inches	18.70 x 15.08 x 16.89 inches	19.17 x 15.08 x 16.89 inches
Gas inlet / outlet	G 2" / G 2"	G 2" / G 2"	G 2" / G 2"

	SAMOS SB 0530 D0	SAMOS SB 0530 D0
Nominal pumping speed/volume flow	364.9 ACFM	364.9 ACFM
Max. differential pressure (vacuum version)	-142.5 TORR	-225 TORR
Max. differential pressure (overpressure version)	135 TORR	210 TORR
Max. operating power	7.1 hp	9.8 hp
Nominal motor speed	3560 RPM	3555 RPM
Noise level (ISO 3744)	73 dB(A)	74 dB(A)
Weight approx.	255 Lbs.	279 Lbs.
Dimensions (L x W x H)	20.00 x 19.13 x 20.87 inches	20.75 x 19.13 x 20.87 inches
Gas inlet / outlet	G 2½" / G 2½"	G 2½" / G 2½"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
info@buschusa.com or +1 757 463 7800



CONTACT FORM



CALL NOW