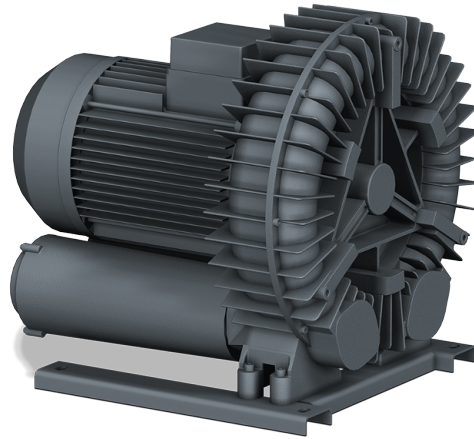


SAMOS SI 0540/1150 E1

Side channel blowers



VACUUM SOLUTIONS



Reliable

Robust and light-weight construction, effective air cooling, long lifetime, nearly maintenance-free, dry and contact-free operating principle, protection against overheating

Flexible

Vacuum or overpressure operation, horizontal and vertical installation

Quiet

Low noise level, fully enclosed unit, internal silencers

Accessories

- Vacuum relief valves
- Pressure relief valves
- Additional silencers

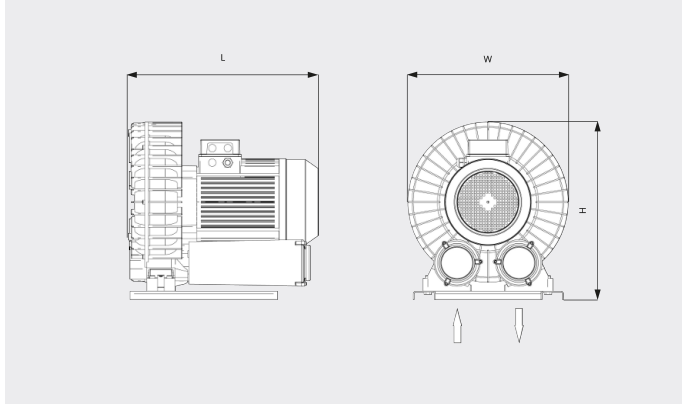
SAMOS SI 0540/1150 E1

Side channel blowers

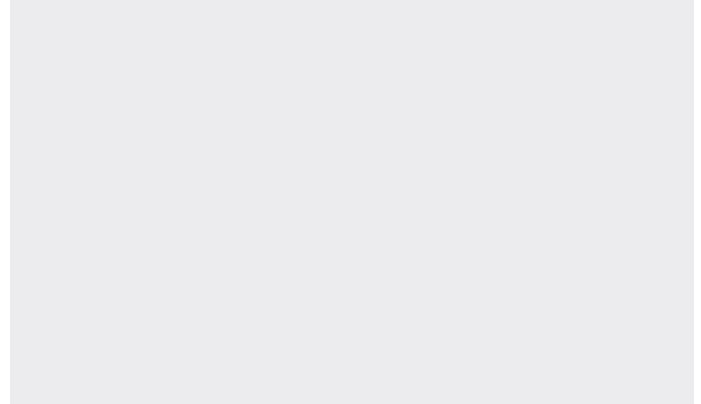


VACUUM SOLUTIONS

Dimensional drawing



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



SAMOS SI 0540 E1		SAMOS SI 0540 E1	
Nominal pumping speed/volume flow	423.7 ACFM	423.7 ACFM	
Max. differential pressure (vacuum version)	-168.75 TORR	-236.25 TORR	
Max. differential pressure (overpressure version)	153.75 TORR	213.75 TORR	
Nominal motor rating	11.5 HP	13.9 HP	
Nominal motor speed	3600 RPM	3600 RPM	
Noise level (ISO 3744)	84 dB(A)	84 dB(A)	
Weight approx.	224.4 Lbs.	224.4 Lbs.	
Dimensions (L x W x H)	23.7 x 20.9 x 23.0 inches	23.7 x 20.9 x 23.0 inches	
Gas inlet / outlet	G 2½" / G 2½"	G 2½" / G 2½"	

SAMOS SI 1150 E1		SAMOS SI 1150 E1	
Nominal pumping speed/volume flow	847.4 ACFM	847.4 ACFM	847.4 ACFM
Max. differential pressure (vacuum version)	-116.25 TORR	-183.75 TORR	-292.5 TORR

SAMOS SI 0540/1150 E1

Side channel blowers



VACUUM SOLUTIONS

	SAMOS SI 1150 E1	SAMOS SI 1150 E1	SAMOS SI 1150 E1
Max. differential pressure (overpressure version)	93.75 TORR	161.25 TORR	277.5 TORR
Nominal motor rating	16.9 HP	23.2 HP	33.8 HP
Nominal motor speed	3600 RPM	3600 RPM	3600 RPM
Noise level (ISO 3744)	84 dB(A)	84 dB(A)	84 dB(A)
Weight approx.	451 Lbs.	451 Lbs.	451 Lbs.
Dimensions (L x W x H)	28.3 x 22.4 x 24.8 inches	28.3 x 22.4 x 24.8 inches	28.3 x 22.4 x 24.8 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!

info@buschusa.com or +1 757 463 7800



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