

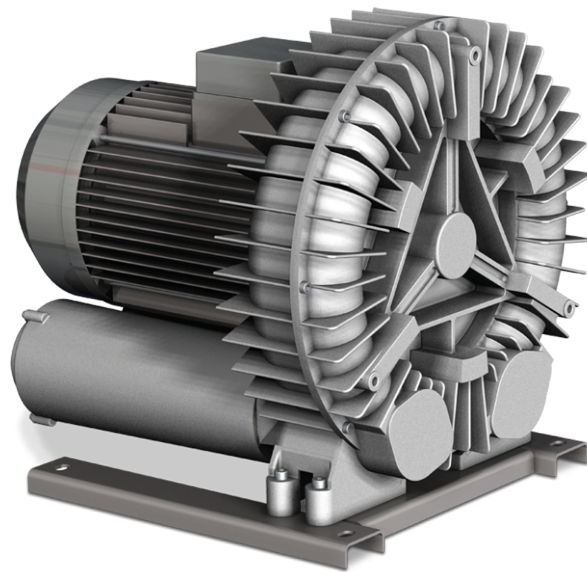
# SAMOS SI 1500/2200 E1

Side channel blowers



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## 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, spare parts and options

- Vacuum relief valves
- Pressure relief valves
- Additional silencers

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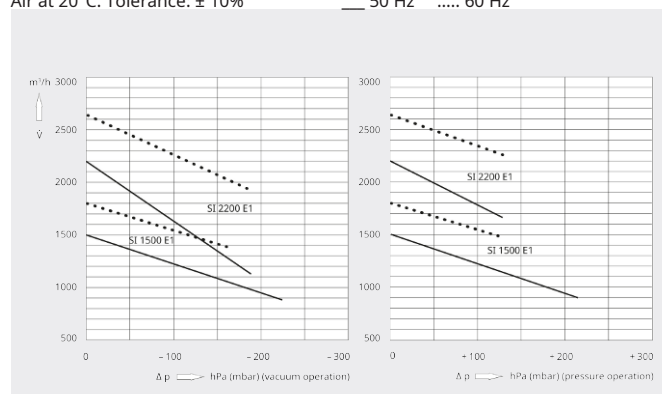
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                                   | SAMOS SI 1500 E1                    | SAMOS SI 2200 E1                    |
|---------------------------------------------------|-------------------------------------|-------------------------------------|
| Nominal pumping speed/volume flow                 | 1500 / 1800 m³/h (50 / 60 Hz)       | 2200 / 2640 m³/h (50 / 60 Hz)       |
| Max. differential pressure (vacuum version)       | -225 / -155 hPa (mbar) (50 / 60 Hz) | -185 / -180 hPa (mbar) (50 / 60 Hz) |
| Max. differential pressure (overpressure version) | +210 / +125 hPa (mbar) (50 / 60 Hz) | +130 hPa (mbar) (50 / 60 Hz)        |
| Max. operating power                              | 15.0 / 17.3 kW (50 / 60 Hz)         | 20.0 / 25.2 kW (50 / 60 Hz)         |
| Nominal motor speed                               | 3000 / 3600 min⁻¹ (50 / 60 Hz)      | 3000 / 3600 min⁻¹ (50 / 60 Hz)      |
| Noise level (ISO 3744)                            | 82 / 84 dB(A) (50 / 60 Hz)          | 82 / 84 dB(A) (50 / 60 Hz)          |
| Weight approx.                                    | 155 kg                              | 166 kg                              |
| Dimensions (L x W x H)                            | 654 x 570 x 633 mm                  | 739 x 600 x 610 mm                  |
| Gas inlet / outlet                                | G 4" / G 4"                         | Hose connection Ø 150 mm            |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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