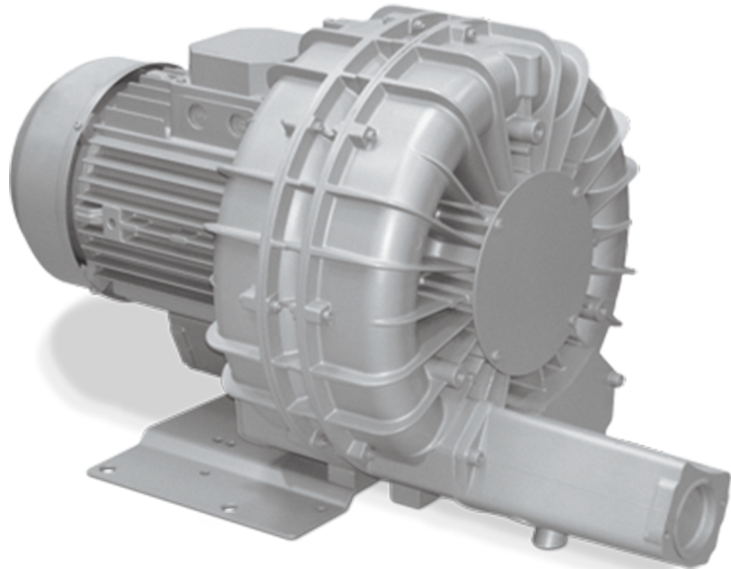


# SAMOS SI 0320/1150 E2

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, protection against overheating

## Flexible

Vacuum or overpressure operation, horizontal and vertical installation

## Quiet

Low noise level, fully enclosed unit, internal silencers

### Accessories

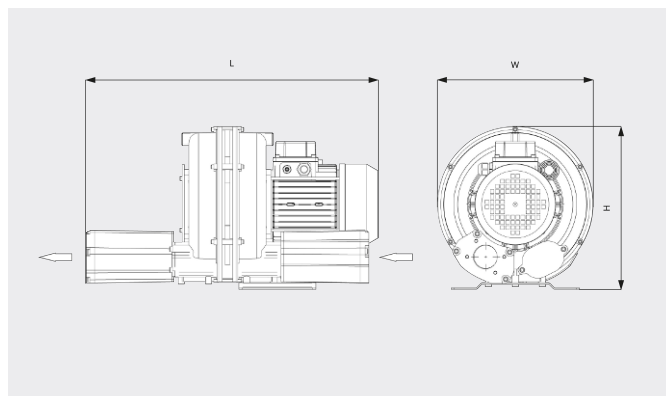
- Vacuum relief valves
- Pressure relief valves
- Additional silencers

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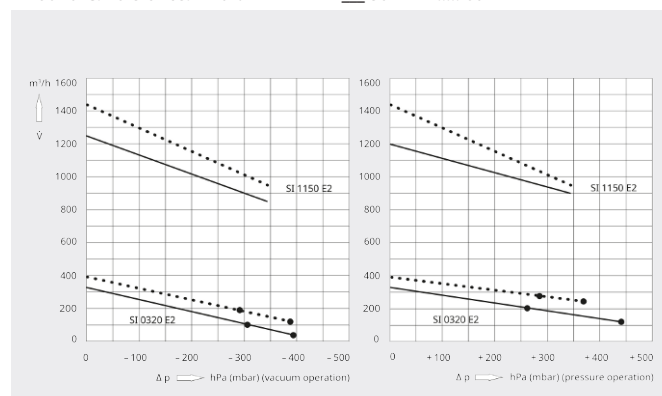
Dimensional drawing



Pumping speed/Volume flow

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                                   | SAMOS SI 0320 E2                           | SAMOS SI 0320 E2                           | SAMOS SI 1150 E2                           |
|---------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| Nominal pumping speed/volume flow                 | 330 / 395 m³/h (50 / 60 Hz)                | 330 / 395 m³/h (50 / 60 Hz)                | 1200 / 1440 m³/h (50 / 60 Hz)              |
| Max. differential pressure (vacuum version)       | -315 / -295 hPa (mbar) (50 / 60 Hz)        | -390 / -380 hPa (mbar) (50 / 60 Hz)        | -345 hPa (mbar) (50 / 60 Hz)               |
| Max. differential pressure (overpressure version) | +260 / +275 hPa (mbar) (50 / 60 Hz)        | +440 / +370 hPa (mbar) (50 / 60 Hz)        | +345 hPa (mbar) (50 / 60 Hz)               |
| Nominal motor rating                              | 4.0 / 4.6 kW (50 / 60 Hz)                  | 5.5 / 6.3 kW (50 / 60 Hz)                  | 20.0 / 25.2 kW (50 / 60 Hz)                |
| Nominal motor speed                               | 3000 / 3600 min <sup>-1</sup> (50 / 60 Hz) | 3000 / 3600 min <sup>-1</sup> (50 / 60 Hz) | 3000 / 3600 min <sup>-1</sup> (50 / 60 Hz) |
| Noise level (ISO 3744)                            | 77 / 81 dB(A) (50 / 60 Hz)                 | 77 / 81 dB(A) (50 / 60 Hz)                 | 80 dB(A) (50 / 60 Hz)                      |
| Weight approx.                                    | 60 kg                                      | 60 kg                                      | 240 kg                                     |
| Dimensions (L x W x H)                            | 703 x 395 x 415 mm                         | 703 x 395 x 415 mm                         | 1352 x 615 x 631 mm                        |
| Gas inlet / outlet                                | G 2" / G 2"                                | G 2" / G 2"                                | G 4" / G 4"                                |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
[info@busch.ee](mailto:info@busch.ee) or +372 568 13 203



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