

# A 804-1804 XN

Multi-stage Roots vacuum pumps

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## Efficient

High-efficiency motors, limited use of electric heaters, cost-efficient

## Robust

Perfectly suited for harsh semiconductor processes, nickel coating for increased corrosion resistance, design options for dealing with by-product generation

## Reliable

Extended lifetime

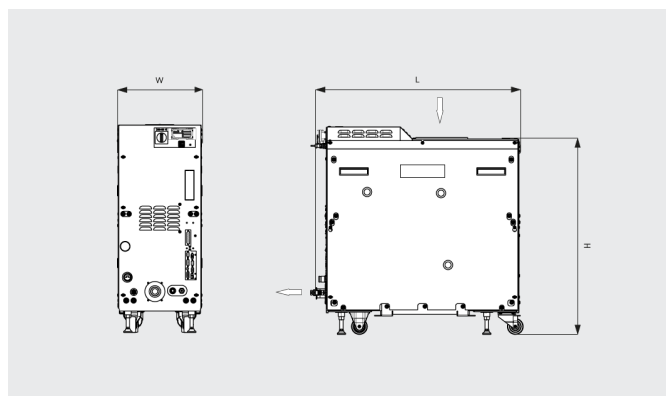
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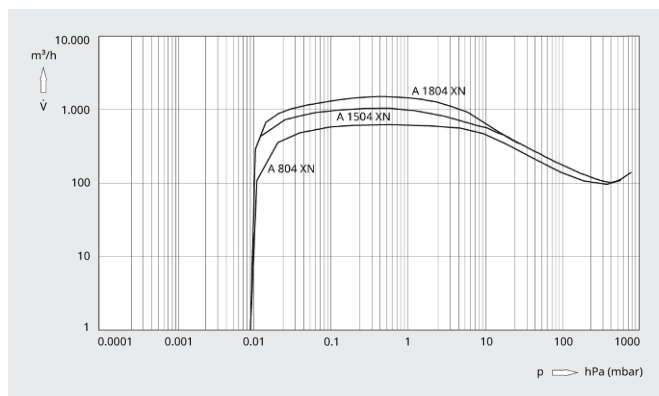
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Dimensional drawing



Pumping speed



|                                        | A 804 XN                                | A 1504 XN                               | A 1804 XN                               |
|----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Nominal pumping speed                  | 600 m³/h (60 Hz)                        | 1100 m³/h (60 Hz)                       | 1600 m³/h (60 Hz)                       |
| Ultimate pressure                      | $1.45 \cdot 10^{-2}$ hPa (mbar) (60 Hz) | $1.45 \cdot 10^{-2}$ hPa (mbar) (60 Hz) | $1.45 \cdot 10^{-2}$ hPa (mbar) (60 Hz) |
| Power consumption at ultimate pressure | 2.4 kW (60 Hz)                          | 2.7 kW (60 Hz)                          | 2.8 kW (60 Hz)                          |
| Cooling water flow                     | 2.5 - 5 l/min                           | 2.5 - 5 l/min                           | 2.5 - 5 l/min                           |
| Sound pressure level                   | <68 dB(A)                               | <69 dB(A)                               | <69 dB(A)                               |
| Weight approx.                         | 380 kg                                  | 540 kg                                  | 540 kg                                  |
| Dimensions (L x W x H)                 | 961 x 388 x 776 mm                      | 961 x 388 x 911 mm                      | 961 x 388 x 911 mm                      |
| Gas inlet / outlet                     | DN 100 / DN 40                          | DN 160 / DN 40                          | DN 160 / DN 40                          |

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