

# HiPace 30 Neo

Turbomolecular vacuum pump

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## Reliable

Extended thermal operating range, long maintenance intervals

## High performance

Maximum compression in a compact design

## Flexible

Easy integration even into small analytical systems, installation in any orientation

Accessories, spare parts and options

- Electrical adapter
- Mains cable
- Connecting cable
- CIP adapter
- Power supply kit and display unit
- Pressure sensor
- Mounting kit
- Safety valve
- Venting accessories
- Power failure venting unit
- Vibration damper

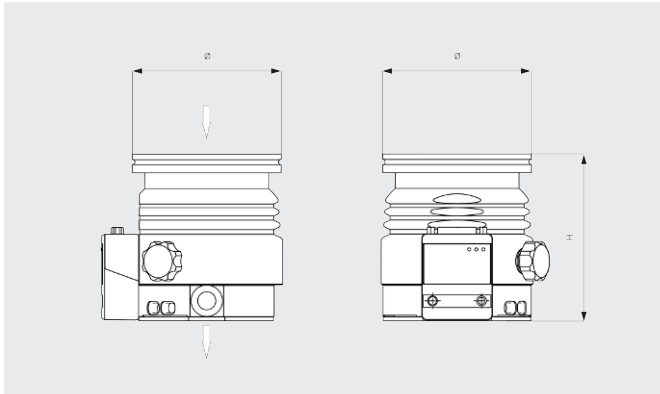
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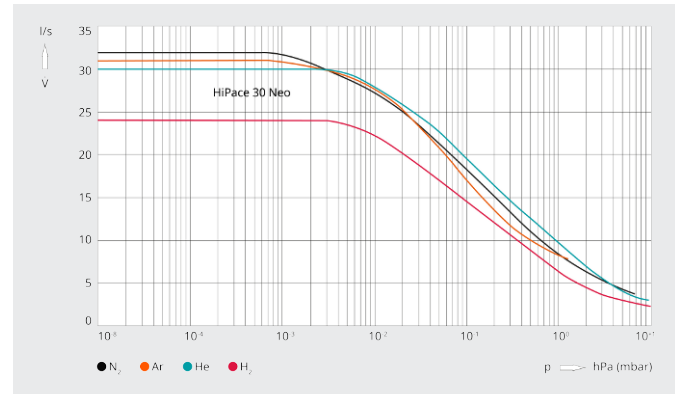
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Dimensional drawing



Pumping speed



HiPace 30 Neo	
I/O interfaces	RS485, remote
Sound pressure level (EN ISO 2151)	≤48 dB(A)
Protection class	IP54 type 12
Run-up time	65 s
Ultimate pressure	$1 \cdot 10^{-7}$ hPa(mbar)
Pumping speed for Ar	31 l/s
Pumping speed for H <sub>2</sub>	24 l/s
Pumping speed for He	30 l/s
Pumping speed for N <sub>2</sub>	32 l/s
Gas throughput at full rotational speed, short term, for Ar	3 hPa·l/s
Gas throughput at full rotational speed, short term, for H <sub>2</sub>	20 hPa·l/s
Gas throughput at full rotational speed, short term, for He	12.5 hPa·l/s
Gas throughput at full rotational speed, short term, for N <sub>2</sub>	7.5 hPa·l/s
Input voltage(s)	24 V DC (±10%)
Compression ratio for Ar	$1 \cdot 10^{11}$
Compression ratio for H <sub>2</sub>	$1 \cdot 10^4$

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Compression ratio for He	$2 \cdot 10^5$
Compression ratio for N <sub>2</sub>	$1 \cdot 10^{11}$
Forevacuum max. for N <sub>2</sub>	20 hPa(mbar)
Bearing	Hybrid
Rotational speed $\pm 2\%$	90,000 min <sup>-1</sup>
Rotational speed variable	50 – 100%
Mounting orientation	Arbitrary
Dimensions (Ø x H)	86 x 106.4 mm
Weight	1.5 kg
Gas inlet / outlet	DN40/DN 63 ISO-K/ISO-KF/CF-F / G 1/4"/DN16/DN25

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!



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