HiPace 1800/2300

Turbomolecular vacuum pumps

PFEIFFER
VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP



High performance

High pumping speed, excellent compression for light gases

Flexible

Extensive portfolio, standard accessories and communication tools

Robust

Best-in-class hybrid bearing technology, maximum uptime, nickel-coated surfaces for corrosive applications

Accessories, spare parts and options

- Electrical adapter
- Mains cable
- Connecting cable
- Display unit
- Safety and mounting kits
- Venting accessories
- Sealing gas accessories

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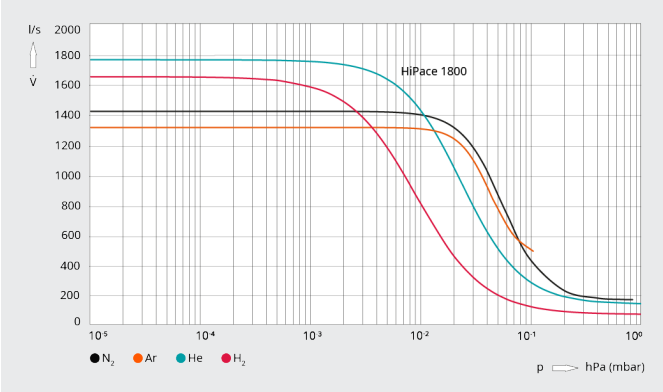
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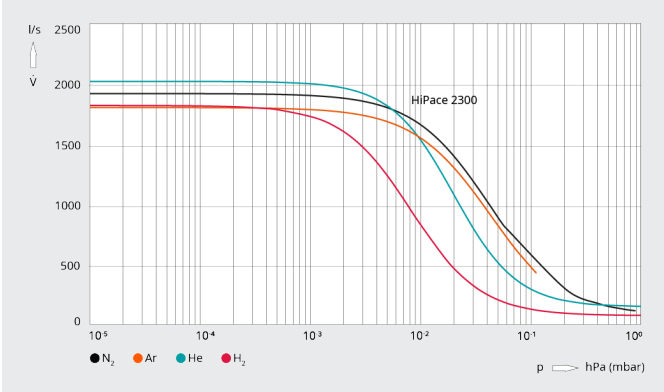
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Pumping speed



Pumping speed



	HiPace 1800	HiPace 2300
Pumping speed for N_2	1450 l/s	1900 l/s
Pumping speed for H_2	1700 l/s	1850 l/s
Pumping speed for He	1650 l/s	2000 l/s
Pumping speed for Ar	1370 l/s	1800 l/s
Compression ratio for N_2	$1 \cdot 10^{8}$	$1 \cdot 10^{8}$
Compression ratio for H_2	$2 \cdot 10^{4}$	$2 \cdot 10^{4}$
Compression ratio for He	$3 \cdot 10^{5}$	$3 \cdot 10^{5}$
Compression ratio for Ar	$1 \cdot 10^{8}$	$1 \cdot 10^{8}$
Gas throughput at final rotational speed for N_2	28 hPa l/s	28 hPa l/s
Gas throughput at final rotational speed for H_2	50 hPa l/s	50 hPa l/s
Gas throughput at final rotational speed for He	20 hPa l/s	20 hPa l/s
Gas throughput at final rotational speed for Ar	16 hPa l/s	16 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for He	26 hPa l/s	26 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for H_2	14 hPa l/s	14 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for N_2	38 hPa l/s	38 hPa l/s
Forevacuum max. for N_2	1.8 hPa	1.8 hPa

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	HiPace 1800	HiPace 2300
Run-up time	4 min	4 min
Sound pressure level (EN ISO 2151)	50 dBA	50 dBA
Weight approx.	37.8 kg	36.6 kg
Communication interfaces standard	RS-485, remote	RS-485, remote
Mounting orientation	0° (HV flange top) – 90° / 90° – 180° (HV flange bottom)	0° (HV flange top) – 90° / 90° – 180° (HV flange bottom)
Gas inlet / outlet	DN 200 ISO-K/ISO-F / DN 40 ISO-KF	DN 250 ISO-K/ISO-F/CF-F / DN 40 ISO-KF

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

CONTACT FORM

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