

HiPace 300

Turbomolecular vacuum pumps

PFEIFFER 
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



High performance

Optimized rotor geometry, enhanced gas load handling

Reliable

Best-in-class hybrid bearing technology, superior bearing lubrication for long life cycle

Quiet

Low noise and vibration levels thanks to patented laser balancing technology, perfectly suited for vibration-sensitive applications

Accessories, spare parts and options

- Electrical adapter
- Mains cable
- Connecting cable
- Various fieldbus systems
- Power supply kit and display unit
- Mounting kit
- Safety valve
- Venting accessories
- Power failure venting unit
- Vibration damper

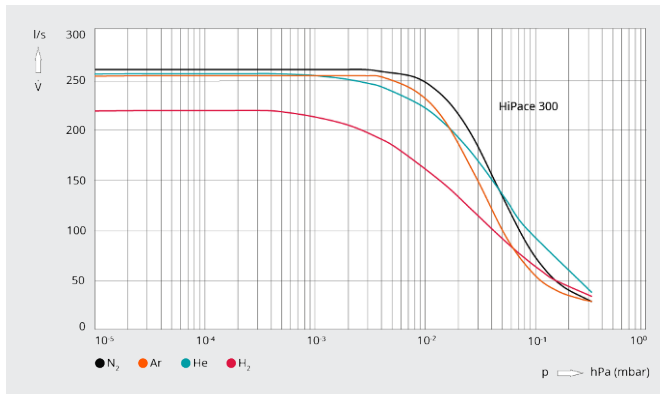
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Pumping speed



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Pumping speed for N ₂	260 I/s
Pumping speed for H ₂	220 I/s
Pumping speed for He	255 I/s
Pumping speed for Ar	255 I/s
Compression ratio for N ₂	1 · 10 ¹¹
Compression ratio for H ₂	9 · 10 ⁵
Compression ratio for He	1 · 10 ⁸
Compression ratio for Ar	1 · 10 ¹¹
Gas throughput at final rotational speed for N ₂	14 hPa I/s
Gas throughput at final rotational speed for H ₂	14 hPa I/s
Gas throughput at final rotational speed for He	20 hPa I/s
Gas throughput at final rotational speed for Ar	7 hPa I/s
Forevacuum max. for N ₂	20 hPa
Run-up time	1.8 min
Sound pressure level (EN ISO 2151)	50 dBA
Weight approx.	6.7 kg

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HiPace 300	
Communication interfaces standard	RS-485, remote
Mounting orientation	arbitrary
Gas inlet / outlet	DN 100 ISO-K/ISO-F/CF-F / DN 16 ISO-KF /G 1/4"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!



CONTACT FORM