

HiPace 300

Turbomolecular vacuum pumps



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

High performance

Optimized rotor geometry, enhanced gas load handling

Accessories

- 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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Dimensional drawing

Pumping speed

The following technical values refer to ISO Hz

	HiPace 300 with TC 110	HiPace 300 with TC 400
Pumping speed for Ar	255 l/s	255 l/s
Pumping speed for He	255 l/s	255 l/s
Pumping speed for H#	220 l/s	220 l/s
Pumping speed for N#	260 l/s	260 l/s
Compression ratio for Ar	$1 \cdot 10^{11}$	$1 \cdot 10^{11}$
Compression ratio for He	$1 \cdot 10^8$	$1 \cdot 10^8$
Compression ratio for H#	$9 \cdot 10^{\#}$	$9 \cdot 10^{\#}$
Compression ratio for N#	$1 \cdot 10^{11}$	$1 \cdot 10^{11}$
Gas throughput at final rotational speed for Ar	2 hPa l/s	7 hPa l/s
Gas throughput at final rotational speed for He	8 hPa l/s	20 hPa l/s
Gas throughput at final rotational speed for H#	14 hPa l/s	14 hPa l/s
Gas throughput at final rotational speed for N#	5 hPa l/s	14 hPa l/s
Forevacuum max. for N#	15 hPa	20 hPa
Run-up time	3.5 min	1.8 min
Communication interfaces optional	Profibus, Devicenet, Semi E74	Profibus, Profinet, Ethercat, Devicenet, Semi E74
Communication interfaces standard	RS-485, remote	RS-485, remote
Mounting orientation	arbitrary	arbitrary
Sound pressure level (EN ISO 2151)	50 dBA	50 dBA
Weight approx.	6.2 kg	6.7 kg
Gas inlet	DN 100 ISO-K/ISO-F/CF-F	DN 100 ISO-K/ISO-F/CF-F
Gas outlet	DN 16 ISO-KF /G 1/4"	DN 16 ISO-KF /G 1/4"

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Do you want to know more

Please contact us!
sales.de@pfeiffer-vacuum.com or +49 (0)6441 802-1222



Contact form



Call us now