

HiPace 700

Turbomolecular vacuum pumps



Reliable

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

High gas throughput

High pumping speed, compatible with a variety of backing pumps, high compression for light gases

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 700 with TC 400	
Pumping speed for Ar	665 l/s
Pumping speed for He	655 l/s
Pumping speed for H#	555 l/s
Pumping speed for N#	685 l/s
Compression ratio for Ar	$1 \cdot 10^{11}$
Compression ratio for He	$3 \cdot 10^{\#}$
Compression ratio for H#	$4 \cdot 10^{\#}$
Compression ratio for N#	$1 \cdot 10^{11}$
Gas throughput at final rotational speed for Ar	3.5 hPa l/s
Gas throughput at final rotational speed for He	20 hPa l/s
Gas throughput at final rotational speed for H#	14 hPa l/s
Gas throughput at final rotational speed for N#	6.5 hPa l/s
Forevacuum max. for N#	11 hPa
Run-up time	4 min
Communication interfaces optional	Profibus, Profinet, Ethercat, Devicenet, Semi E74
Communication interfaces standard	RS-485, remote
Mounting orientation	arbitrary
Sound pressure level (EN ISO 2151)	50 dBA
Weight approx.	11.5 kg
Gas inlet	DN 160 ISO-K/ISO-F/CF-F
Gas outlet	DN 25 ISO-KF /G 1/4"

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Do you want to know more

Please contact us!
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Contact form



Call us now