

HiPace 800 M

Turbomolecular vacuum pumps



Reliable

Hydrocarbon-free, automatic sensor calibration during operation

Quiet

Low noise and vibration levels

Maintenance-free

Electromagnetic suspension protecting rotor from premature wear, continuous rotor imbalance compensation

Accessories

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

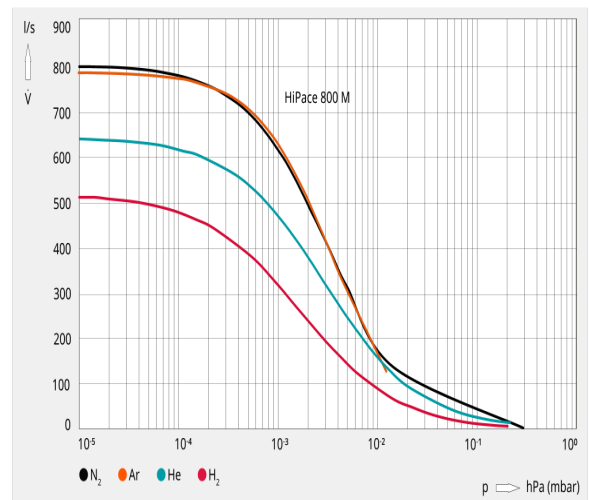
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Dimensional drawing

Pumping speed



The following technical values refer to ISO Hz

HiPace 800 M with TM 700	
Pumping speed for Ar	775 l/s
Pumping speed for He	625 l/s
Pumping speed for H ₂	500 l/s
Pumping speed for N ₂	790 l/s
Compression ratio for Ar	1 · 10 ¹¹
Compression ratio for He	1 · 10 ⁹
Compression ratio for H ₂	2 · 10 ⁹
Compression ratio for N ₂	1 · 10 ¹¹
Gas throughput at final rotational speed for Ar	8 hPa l/s
Gas throughput at final rotational speed for N ₂	13 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for He	16 hPa l/s

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HiPace 800 M with TM 700	
Gas throughput at 0.1 hPa HV-pressure for H#	9 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for N#	16 hPa l/s
Forevacuum max. for N#	8 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)	45 dBA
Weight approx.	17.2 kg
Gas inlet	DN 200 ISO-K/ISO-F/CF-F
Gas outlet	DN 25 ISO-KF /G 1/4"

Do you want to know more

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Contact form



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