SplitFlow 80 Neo

Turbomolecular vacuum pumps

PFEIFFER VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP



High performance

Maximum compression and high gas throughput due to an extended thermal operating range.

Flexible

Suitable for use in all portable analytical applications thanks to its compact design and ability to mount the pump in any orientation.

Easy system integration

Compact footprint simplifies integration into small analytical instruments and vacuum systems.

Accessories, spare parts and options

- Electrical adapter
- Mains cable
- Connecting cable
- CIP adapter
- Power supply kit and display unit
- Pressure sensor
- Mounting kit
- Safety valve
- Venting accessories
- Power failure venting unit
- Vibration damper

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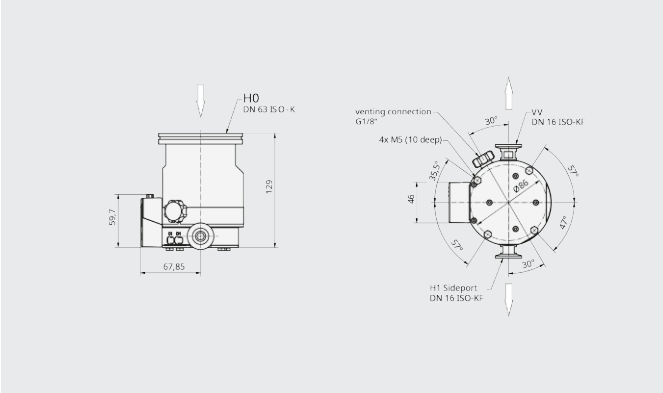
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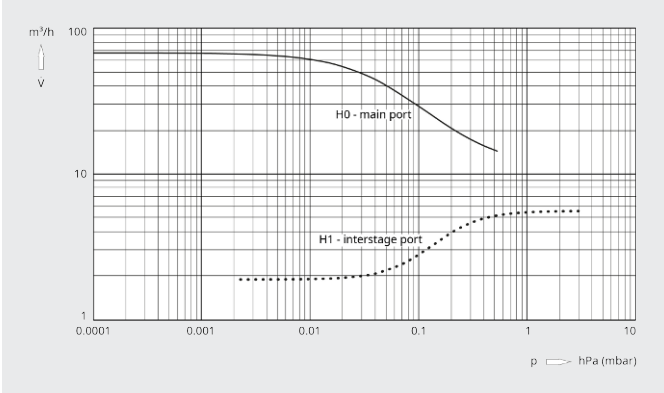
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Dimensional drawing



Pumping speed



	SplitFlow 80 Neo
Max. pumping speed for N_2	67 l/s
Max. pumping speed for H_2	48 l/s
Max. pumping speed for He	58 l/s
Max. pumping speed for Ar	66 l/s
Pumping speed (interstage pumping) for He	2.8 l/s
Pumping speed (interstage pumping) for N_2	2.8 l/s
Compression ratio for N_2	$1 \cdot 10^{11}$
Compression ratio for H_2	$1.4 \cdot 10^{5}$
Compression ratio for He	$1.3 \cdot 10^{7}$
Compression ratio for Ar	$1 \cdot 10^{11}$
Compression ratio (fore-vacuum/interstage pump N_2)	$1 \cdot 10^{5}$ - $5 \cdot 10^{5}$ *
Compression ratio (fore-vacuum/interstage pump He)	$1 \cdot 10^{5}$ - $5 \cdot 10^{5}$ *
Gas throughput N_2	1.3 hPa l/s
Gas throughput H_2	15.3 hPa l/s
Gas throughput He	2.7 hPa l/s
Gas throughput Ar	0.54 hPa l/s

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	SplitFlow 80 Neo
Fore-vacuum max. for N_2	22 hPa
Fore-vacuum max. for H_2	14 hPa
Fore-vacuum max. for Ar	22 hPa
Run-up time	75 s
Sound pressure level (EN ISO 2151)	48 dB(A)
Weight approx.	1.7 - 3.4* kg
HV flange	DN 63 CF-F, DN 63 ISO-K

* depending on HV flange size

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

CONTACT FORM

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