

ACP 90

Multi-stage Roots vacuum pumps

PFEIFFER 
VACUUM+FAB SOLUTIONS

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Efficient

Low power consumption, IE5 permanent magnet motor

High performance

High pumping speed at high pressures, ideal for large volumes and frequent pump-downs, high water vapor capacity

Reliable

Nearly maintenance-free, high-quality bearings, long life cycle

Accessories, spare parts and options

- Dust filter
- External silencer
- Isolation valve
- Preventive maintenance packages
- Corrosive gas version

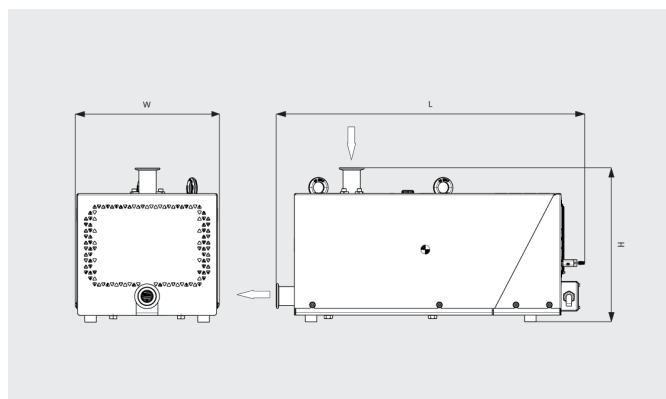
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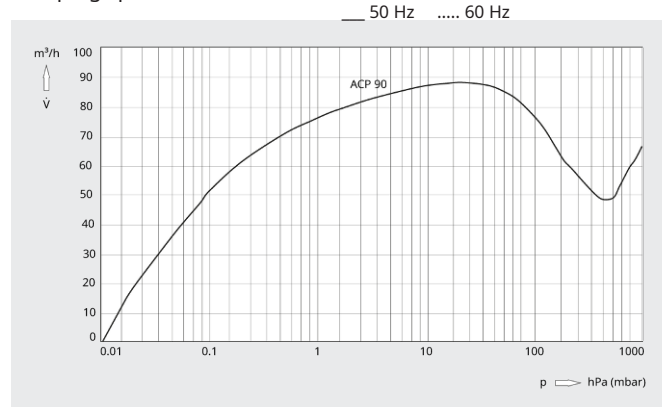
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Dimensional drawing



Pumping speed



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Max. pumping speed	88 m³/h
Ultimate pressure without dilution	$3 \cdot 10^{-2}$ mbar
Ultimate pressure with gas-ballast valve	$1.6 \cdot 10^{-1}$ mbar
Max. continuous inlet pressure	1013 mbar
Max. water pumping capacity	2400* g/h
Power consumption at ultimate pressure	1.3 kW
Max. power consumption	2 kW
Supply voltage 1-phase / Supply voltage 2-phase	200-240 VAC
Supply voltage 3-phase	380-480 VAC
Sound pressure level at ultimate pressure	<65 dB(A)
Cooling method	Air
Max. leak rate	$<5 \cdot 10^{-6}$ hPa·l/s
Connecting flange (in)	DN 40 ISO-KF
Connecting flange (out)	DN 40 ISO-KF
Dimensions (L x W x H)	671 x 319 x 324 mm
Weight	75 kg

*depending on configuration

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