



ACP 90, SD version, three-phase, manual gas ballast

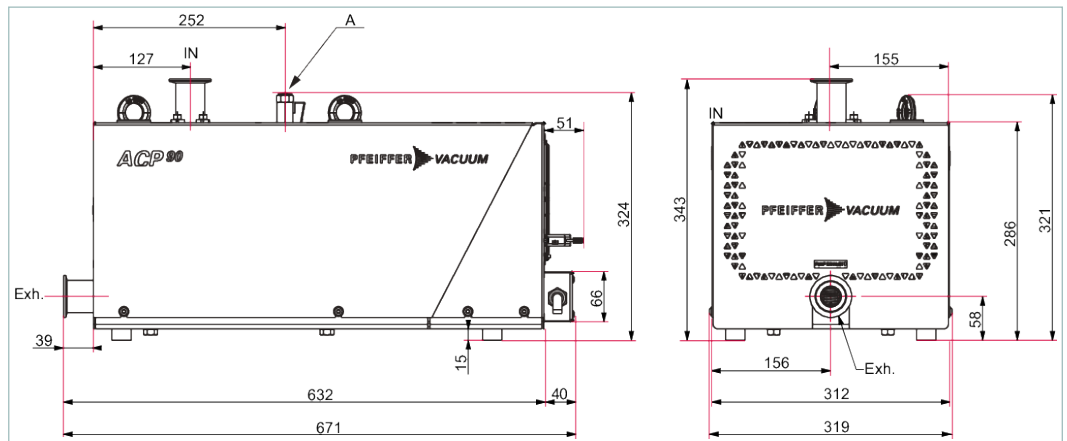


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ACP 90, SD version, three-phase, manual gas ballast

- Dry multi-stage Roots technology, SD versions, ACP pumps with a pumping speed of max. 90 m³/h. High pumping speed at high pressure.
- No particle contamination. Frictionless design: no wearing parts in the pumped gases path
- No hydrocarbon vapor backstreaming: ACP series pumps are free of lubricant inside the pumping module
- Constant performances (Pumping speed and ultimate pressure)
- High reliability. Thanks to our expertise of dry multi-stage Roots pumps since 1988
- Low maintenance cost. No annual maintenance. Maintenance of low pressure bearings can be done on-site
- High flow gas ballast combined with chemical resistant pump material. SD version is capable to evacuate up to 2.4 Kg/h of water vapor.

Dimensions



Technical Data	ACP 90, SD version, three-phase, manual gas ballast
Ambient temperature	12-40 °C 53.6-104 °F 285-313 K
Connection flange (in)	DN 40 ISO-KF
Connection flange (out)	DN 40 ISO-KF
Continuous inlet pressure, max.	1,013 hPa 759.75 Torr 1,013 mbar
Cooling method	Air
Corrosive gas version	No
Dimensions (L x W x H)	671 x 319 x 324 mm 26.42 x 12.56 x 12.76 inch
Exhaust pressure, max.	1,200 hPa 900 Torr 1,200 mbar
Final pressure without gas ballast or purge, max.	3 · 10 ⁻² hPa 2.25 · 10 ⁻² Torr 3 · 10 ⁻² mbar
Floor contact	Wheels
Gas ballast	Yes
Gas ballast flow	70 l/min
Helium leakage rate, max.	< 5 · 10 ⁻⁶ hPa·l/s
Mains connection	200-240 V AC (± 10%)
Mains connection: frequency (range)	50/60 Hz
Motor type	3-ph motor
Power consumption at final pressure	< 1280 W
Processes	Light Duty Applications
Pumping speed	88 m ³ /h 51.8 cfm 1,466.67 l/min
Typical final pressure with gas ballast	1 · 10 ⁻¹ hPa 7.5 · 10 ⁻² Torr 1 · 10 ⁻¹ mbar
Typical final pressure without gas ballast or purge	3 · 10 ⁻² hPa 2.25 · 10 ⁻² Torr 3 · 10 ⁻² mbar

Technical Data		ACP 90, SD version, three-phase, manual gas ballast
Version		Standard
Weight		75 kg 165.34 lb

Order number	
ACP 90, SD version	V9SABSZMR01

Accessories	
ISO-KF, welded bellows sealed	
HV angle valve, DN 40 ISO-KF, manually operated, 304/FKM, "A"-dim. 65 mm	ESV-S04100
Protection Dust separators/Inlet particle filters	
Inlet particle filter IPF 40, DN 40	111647
Protection Oil mist eliminators	
Oil mist separator OME 40 S	104887

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