ANKERSMID AMP 26C

Mini Diaphragm Vacuum Pump

* Picture may vary

Principle

The basic construction of the **AMP** diaphragm gas sampling pumps is simple. An elastic diaphragm is moved up and down by an eccentric (see illustration). On the down-stroke it draws the air or gas being handled through the inlet valve. On the up-stroke the diaphragm forces
the medium through the exhaust valve and out of the head. The compression chamber is hermetically separated from the drive mechanism by the diaphragm. The pumps transfer, evacuate and compress completely oil-free.

Description

Series **AMP 26C** diaphragm pumps are single-head, dry-running devices used in a wide range of applications. They transfer, compress and pump down without contamination.
The heart of these very compact pumps is a structured diaphragm. This patented diaphragm was stress-optimized using the Finite Elements method. As a result, we were able to make the pumps smaller while increasing the service life of the diaphragm. He pump is standard equipped with a thermal switch and power fuse.

The materials of the pump which are in contact with the media are: membrane: PTFE-coated, head: Ryton, valves: FFPM

- **100% oil-free transfer**
- **Pure transfer, evacuation and compression**
- **Version for slightly aggressive or corrosive gases and vapours**
- **Maintenance-free**
- **Environmental friendly**
- **Gastight:**
  leakage rate approx. 6 x 10-3 mbar x l/s,
  not tested in serial production

Technical data:	AMP 26C
Delivery (l/min) (1)	5.5
Ultimate vacuum (mbar abs.)	160
Operating pressure (bar g)	2.5
Gas connection	G 1/8f
Permissible gas and ambient temperature	+5...+40 °C
Mains	230V/50Hz
Motor protection	IP 20
Power P1	65 W
Operating current	0.63 A
Weight	1.9 kg
Dimensions LxHxW (mm)	164/141/90

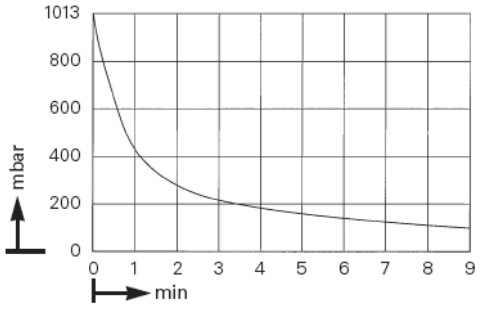
(1) at atm. pressure

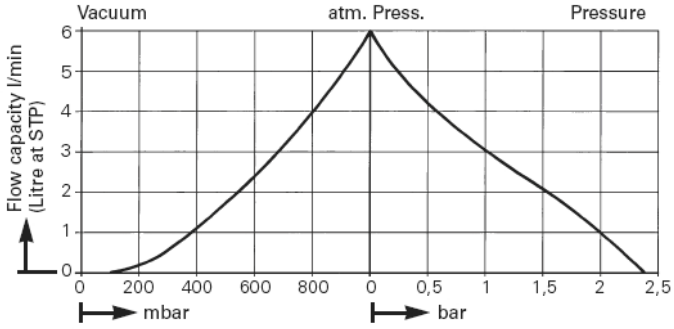
Motors with other voltages and frequencies on request

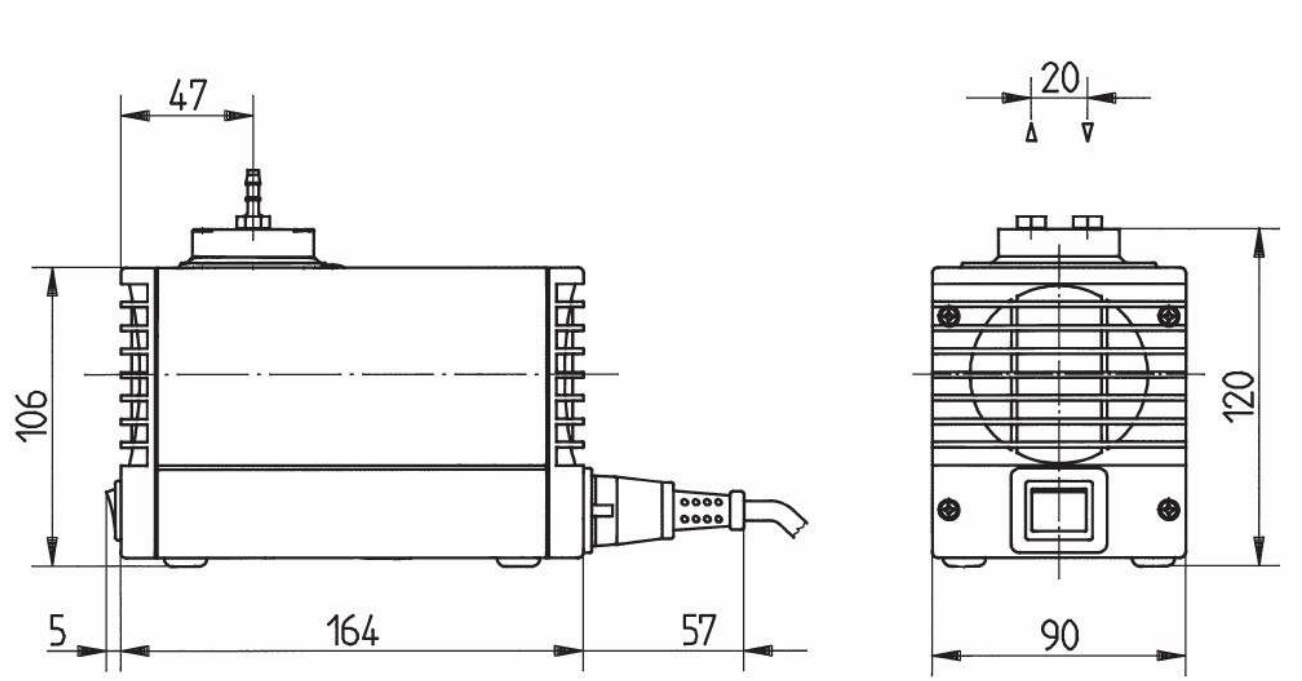
Chpt 6-7.1

Dimensions and performance characteristics

Pump down time for 5l receiver







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