

## ANKERSMID AMP 26 E/S

### MINI DIAPHRAGM VACUUM PUMPS

#### 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.



#### Application

Despite its small size the Mini Diaphragm Vacuum Pump offers a high level of performance. It is used especially in the fields of analysis, medicine and production technology.

The pumps are used for application such as sucking gases, taking samples (even liquids in a vacuum) and evacuating vessels.

The AC models are suited for use in machinery which is permanent or mains-operated.

#### Description

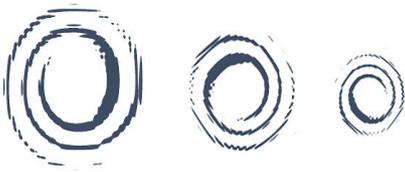
The pumps are equipped with the patented stress-optimized structured diaphragm, resulting in a high pneumatic performance, a durable product and compact size.

Special valves ensure that the product copes well with vapor and condensation that could be present in the gas stream.



\* Picture may vary

- **No contamination of the media due to oil-free operation**
- **Low maintenance**
- **High performance because of structured diaphragm**
- **High level of gas tightness**
- **Long product life thanks to structured diaphragm**
- **Very quiet and little vibration**
- **Copes well with vapour and condensation**
- **Cool running motor even when in constant use**
- **Can operate in any installed position**



## Dimensions and performance characteristics

Type and order N°	Delivery at atm. pressure (l/min)	Max. operating pressure (bar g)	Vacuum (mbar abs.)
AMP 26E	5.5	2.5	160
AMP 26S	3	2.5	160

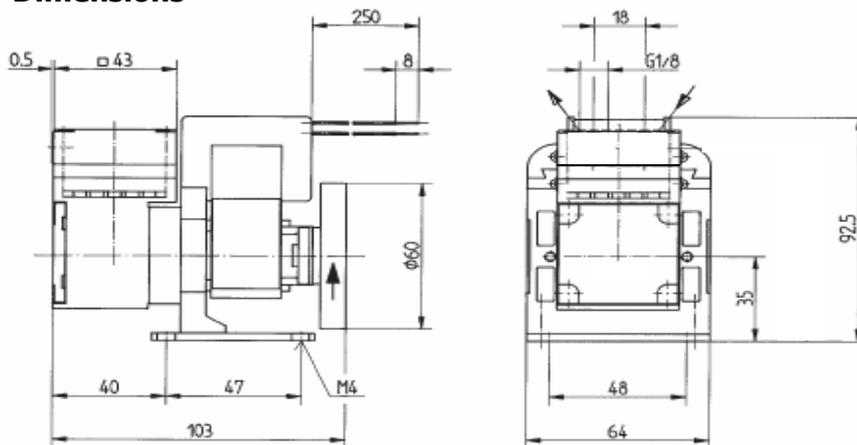
## Model codes and materials

Type and Order No	Pump head	Diaphragm	Valves
AMP 26E/S	PPS/Ryton <sup>4)</sup>	PTFE-coated	FFPM/Kalrez <sup>6)</sup>

4) Phillips Petroleum, registered trade mark

6) Du Pont, registered trade mark

## Dimensions



## Motor data

Protection class	IP 00
Voltage/Frequencies (V/Hz)	230/50 (Other Voltages and frequencies on request)
Power P1 (W)	60
Operating current (A)	0.65

## Pictures

