

## 9 Appendices

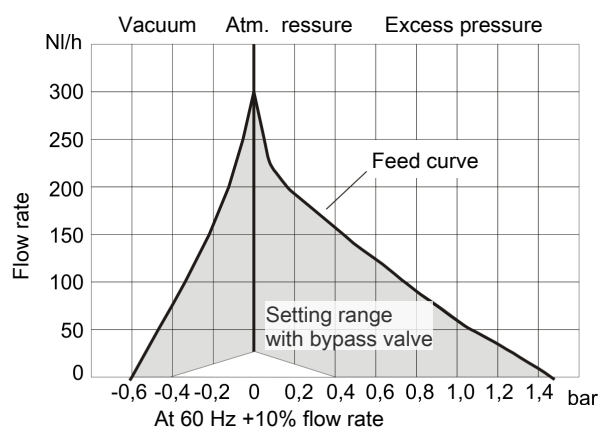
### 9.1 Technical data

#### Technical Data P1.1/P1.1E

Supply voltage/power input:	230 V 50 Hz 0.48 A 115 V 60 Hz 0.84 A 12 V DC, 1.55 A 24 V DC 0.8 A
Type of protection OEM/housing & 12 V/24 V:	IP 00/IP 20
Mechanical load	Tested based on DNV-GL CG0339 vibration class A (0.7g) 2 Hz-13.2 Hz Amplitude $\pm 1.0$ mm 13.2 Hz -100 Hz 0.7g acceleration
Weight (without accessories):	approx. 1.3 kg (12 V/24 V approx. 0.8 kg)
Medium temperature:	70 °C
Ambient temperature:	0 °C to 50 °C
Nominal output:	280 L/h
Materials in contact with media: varies by configuration:	PTFE, PVDF, 1.4571, 1.4401, Viton

The gas lines are connected via screw-in connections (G1/4 thread). The respective screw-in connections as well as mounting bracket and vibration absorber are sold separately.

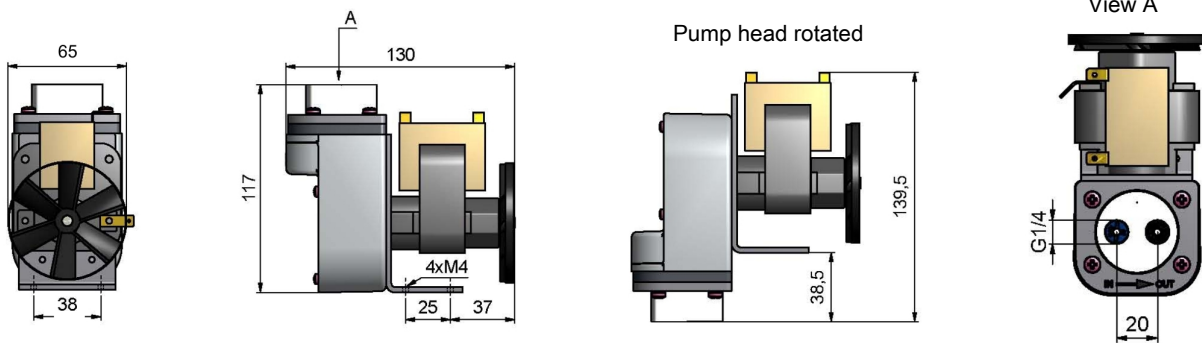
### 9.2 Feed curve



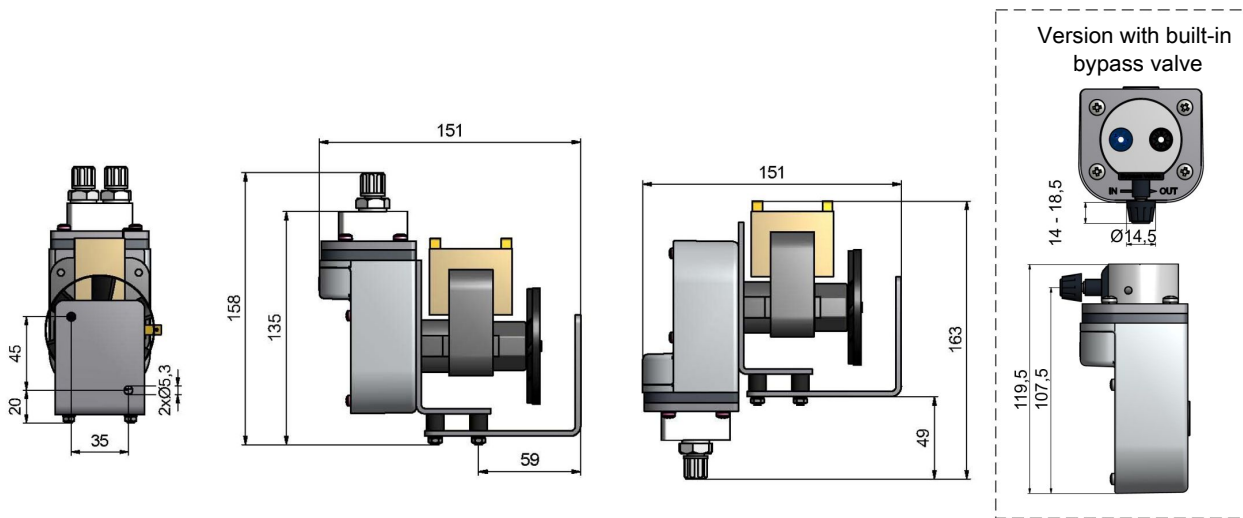
### 9.3 Dimensions P1.1 (115 V / 230 V)

The P1.1 sample gas pump is connected to electricity via blade receptacles.

**without accessories:**

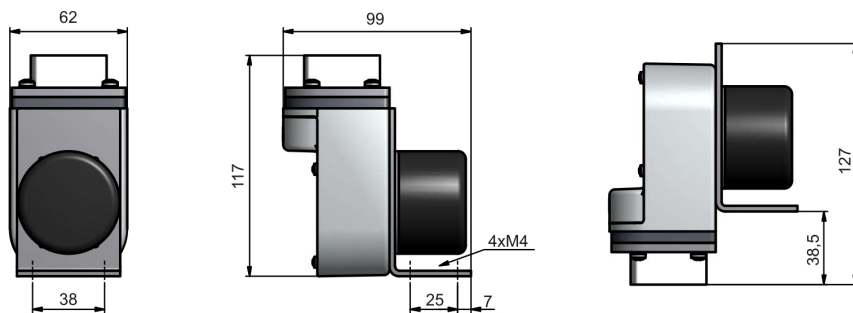


**with accessories:**



### 9.4 Dimensions P1.1 (12 V DC or 24 V DC)

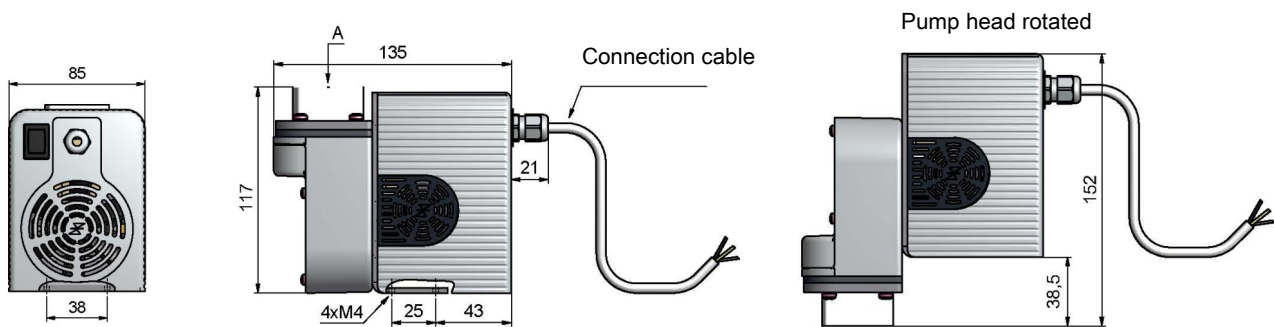
The P1.1 (24 V DC) sample gas pump may be connected by standard 3 m connecting cable.



## 9.5 Dimensions P1.1E Pumpe (all voltages)

The P1.1E sample gas pump may be connected by standard 3 m connecting cable.

**without accessories:**



**with accessories:**

