

Sample Gas Pump P 2.2-Atex



The transportation of sample gas in sample conditioning systems requires very reliable sample pumps. Of course, the sample gas should have an equal and steady flow but very often the corrosive nature of the gas and the presence of condensate form the real task for the pump.

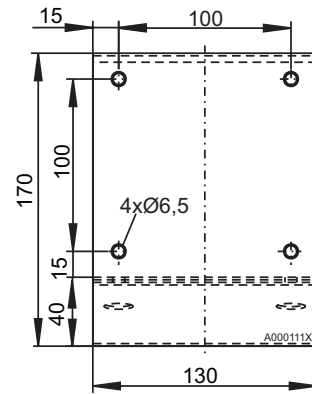
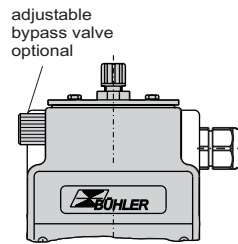
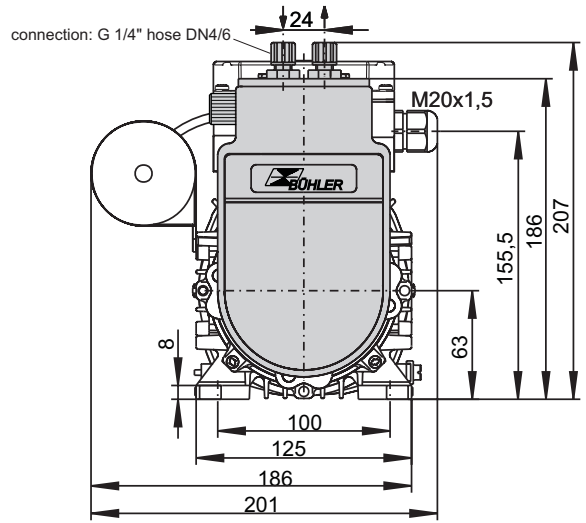
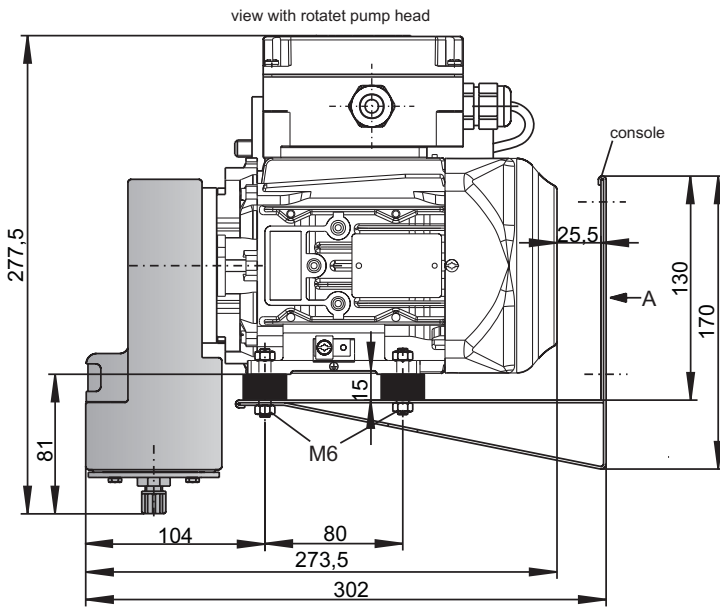
The standard version of the P 2.2 Atex sample pump is equipped with a bellows made of solid PTFE which has proven his reliability and long lifetime in numerous applications.

If the pump head is pointed downwards the pump is able to pump sample gas with condensate contents. The pump employs explosion proof motors and is suitable for category 2.

For easy installation a support console with dampers is included .

- **robust and reliable design**
- **easy to change valves**
- **bellows made of a solid piece**
- **pumps condensate containing gas**
- **low noise emission**
- **with support console**
- **optional adjustable bypass valve**
- **high life expectancy**

dimensions



technical data

nominal voltage see order number
 nominal current see order number
 protection class electrical IP 54
 mechanical IP 20
 weight approx 8,5 kg
 death volume 8,5 ml
 Ex-prot. class 2 GEx e II T1-T4

media temperature	ambient temp.	
80°C	-20°C up to 40°C	T4
120°C	-20°C up to 40°C	T4
140°C	-20°C up to 40°C	T3

media temperature valves PTFE/PVDF 80 °C
 Valves PTFE/PCTFE 140 °C
 ambient temp. Temp. class F max. 40 °C

materials in gas path
 according to pumptype:
 PTFE / PVDF / PCTFE / Viton
 FFKM / 1.4401 / 1.4571

Please keep in mind the required protection devices for the pump's motor

please indicate with order

x stands for the number below

part no..
 4261 x x x x 99

1				
2				
3				
4				
	1			
	2			
		1		
		2		
			1	
			2	

motors

230 V, 50 Hz, 0,88 A
 220 V, 60 Hz, 0,89 A
 115 V, 50 Hz, 1,76 A
 115 V, 60 Hz, 1,78 A

position pump head

normal pos. vertical
 pointed downwards

material pump head

PTFE
 SS 1.4571/ viton/ 1.4401
 PTFE with bypass valve

material valves

up to 80°C PTFE / PVDF
 up to 140°C PTFE / PCTFE

flow curve

