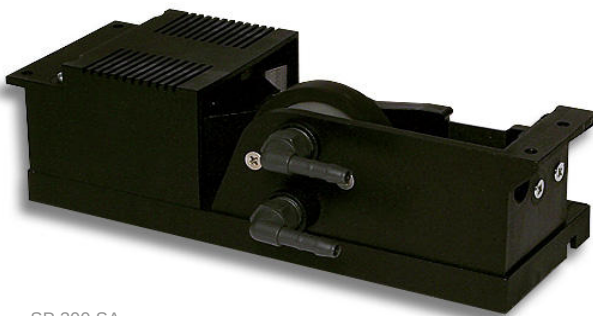




SP 203 SA



SP 300 SA

Product Features

- oil free
- maintenance free
- reduced vibrations
- low noise
- cost effective
- very long life

Applications

- Stationary Gas Monitoring
- Battery Chargers
- Laboratory Equipment
- Industrial Applications

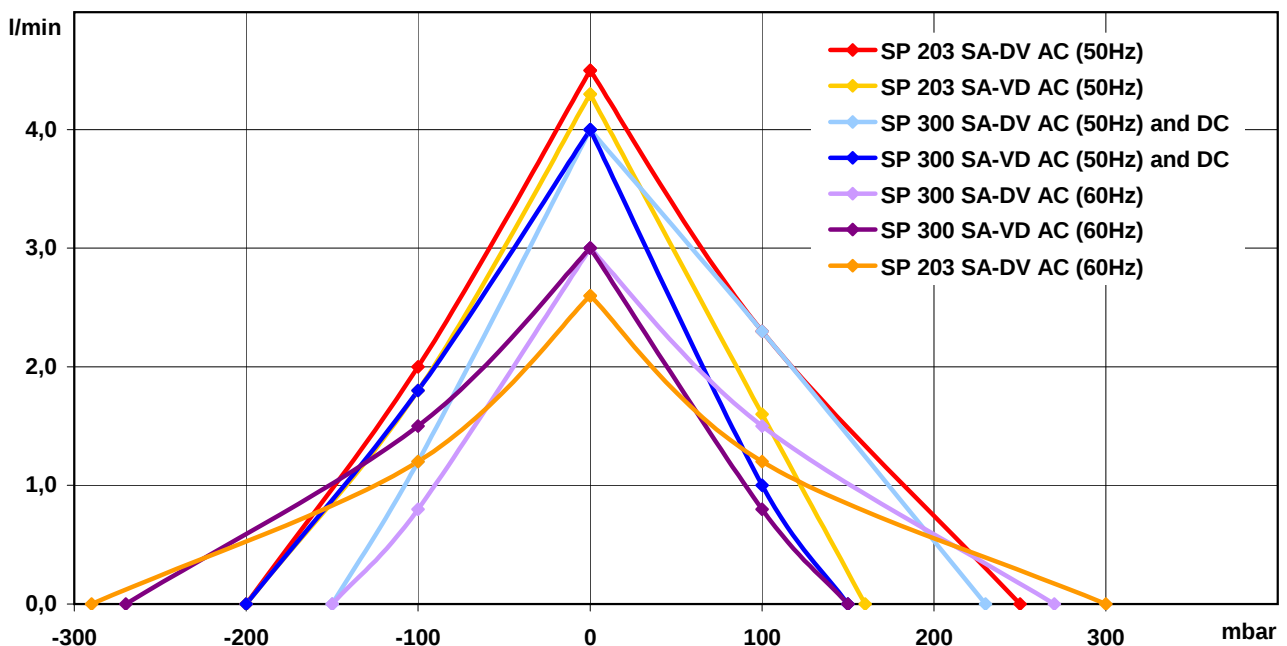


SP 203 SA / 300 SA

These pumps are our standard models. For special requirements we are offering customised versions. Please contact us.

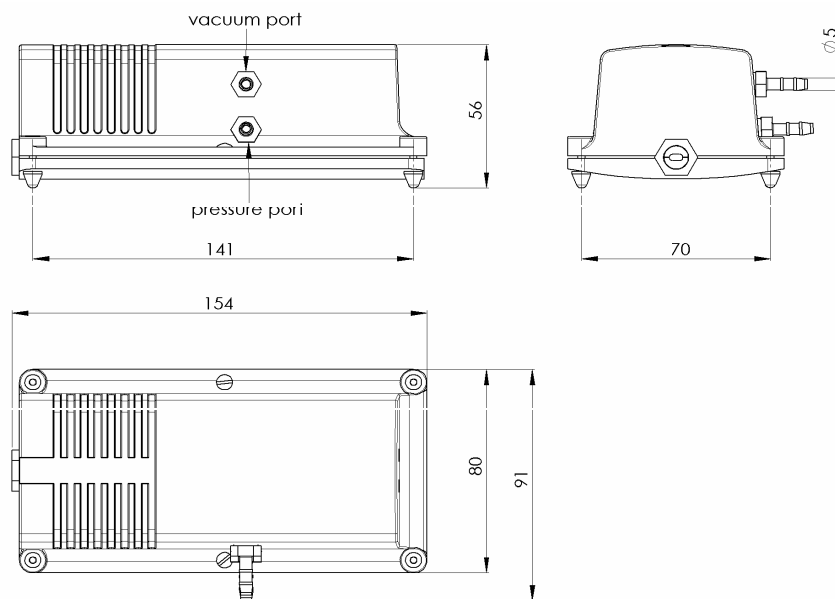
Designation	SP 203 SA-DV		SP 203 SA-VD		SP 300 SA-DV		SP 300 SA-VD		
	optimized Pressure Performance		optimized Vacuum Performance		optimized Pressure Performance		optimized Vacuum Performance		
Art.No. 230 V (50 Hz)	7s03030	7s03032	7s03031	7s03033	7s10000	7s10002	7s10001	7s10003	
Art.No. 120 V (60 Hz)									
Art.No. 24 V (50 Hz)									
Art.No. 12 V (50 Hz)									
Art.No. 24 Vdc									
Art.No. 12 Vdc									
Pneumatic Performance									
Free Flow [l/min]	4,5	2,6	4,3	3,0	4,0	3,0	4,0	3,0	
flow at: Pressure Side									
100 mbar [l/min]	2,3	1,5	1,6	1,5	2,3	1,5	1,0	0,8	
max. Pressure [mbar]	250	300	160	250	230	270	150	150	
flow at: Vacuum Side									
100 mbar [l/min]	2,0	1,2	1,8	1,1	1,2	0,8	1,8	1,5	
max. Vacuum [mbar]	-200	-290	-200	-280	-150	-150	-200	-270	
Motor / Power Consumption									
Motor Type	Electromagnetic				Electromagnetic				
Power Consumption	4 W				4 W				
Construction									
Pump Body	ABS				Polycarbonate				
Diaphragm / Seal	CR Rubber				CR Rubber				
Valves									
	standard				CR Rubber				
	optional				FPM (Viton) / Silicone				
Weight [g]	500		500		415		415		

Performance Curves





SP 203 SA



SP 300 SA

