4. Technical Data

All pumps are secured against overheating with thermal switches and are equipped with a mains fuse.

Pump materials

UN86KNP

UN811KNP

Component	Pump material*
Pump head	PPS
Diaphragm	EPDM
Valves/Sealings	FPM

Tab. 2 **according to DIN ISO 1629 and 1043.1*

UN86KTP

UN811KTP

Component	Pump material*
Pump head	PPS
Diaphragm	PTFE-coated
Valves/Sealings	FFPM

Tab. 3 **according to DIN ISO 1629 and 1043.1*

UN811KVP

Component	Pump material*
Pump head	PPS
Diaphragm	PTFE-coated
Valves/Sealings	FPM

Tab. 4 **according to DIN ISO 1629 and 1043.1*

Refer to the type plate for the pump’s electrical configuration.

UN811KVP

Pneumatic performance			
Max. permissible operating pressure [bar g]	0.0		
Ultimate vacuum [mbar abs.]	100		
Delivery rate at atm. pressure [l/min]*	13.0		
Pneumatic connections			
Hose connection [mm]	ID 6		
Ambient and media temperature			
Permissible ambient temperature	+ 5 °C to + 40 °C		
Permissible media temperature	+ 5 °C to + 40 °C		
Other parameters			
Weight [kg]	2.5		
Dimensions: L x H x W [mm]	187 x 157 x 90		
Maximum permissible ambient relative humidity	80 % for temperatures up to 31 °C, decreasing linearly to 50 % at 40 °C		
Max. altitude of site [m above sea level]	2000		
Electrical Data			
Voltage [V]	100	115	230
Frequency [Hz]	50/60	60	50
Max. operating current [A]	1.5	1.3	0.8
Power consumption pump [W]	70	75	65
Maximum permitted mains voltage fluctuations	+/- 10 %	+/- 10 %	+/- 10 %
Fuse pump** (2x) T [A]	3.15	3.15	1.0
Protection class motor	IP20		

Tab. 9

**Liters in standard state (1,013 mbar)*

***For spare part-No. see chapter 10*