

- **Precise metering by the powerful diaphragm metering principle**
- **Low maintenance and abrasion**
- **Available in 2 different materials**
- **Economical, simple and reliable**
- **Cost-effective alternative to peristaltic pump**
- **Simple assembly by „Click & Fix“**
- **Batch assembly of several Turbopumps is possible**



The metering pump series TurboPUMP is a range of electric motor-driven membrane metering pumps mounted in a free discharge point, suitable for use with uncontaminated, non-abrasive dosing media.

An asynchronous motor acts as a drive which has an integrated fan for better cooling. An additionally

installed thermal protection switch switches the pump off in the case of overheating and switches it back on again after a certain cooling phase.

A built-in spring actuator ensures a low noise level and extends the working life of the pump.

## Technical data:

### General data:

Type / Material no.	107020 / 107030	1070 / 107010
Pump capacity:	20 l/h	50 l/h
Metering back pressure:	max. 2 bar (0.2 MPa)	
Suction height:	2 m (Ws)	
Rotational speed max:	125 1/min	
Ambient temperature max:	40° C	
Duty cycle:	25 % ED	
Connections:	Ø 10 / 16 mm	
Power supply:	230 V / 50 Hz	
Current consumption:	2 A	

### Material:

Typ / Materialnr.	1070 / 107020	107010 / 107030
Housing:	Thermoplastic polyester	
Pump head:	PP	PP
Diaphragm:	PTFE – EPDM compound diaphragm	
Valve body:	PP	PP
Valve balls:	Ceramics	
Valve spring:	Hastelloy C4	
Seals:	EPDM	EPDM
Weight:	2.4 kg	
Color:	blue RAL 5007	

All values at 50 Hz. With reservations, all data refer to water temperature of 20° C according to the instructions of the technical manual.

### Dimensions:

