

- **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 TurboPUMP dosing pump series is a range of electric motor-driven diaphragm dosing pumps for simple dosing tasks at low system pressure.

As an alternative to customary peristaltic squeeze pumps, the TurboPUMP offers all the advantages of diaphragm metering, such as long service life, low maintenance and metering accuracy.

The asynchronous motor is protected against overheating by an integrated thermal protection switch. The use of a spring accumulator ensures a lower noise level and extends the operating life.

Technical data:

General data:

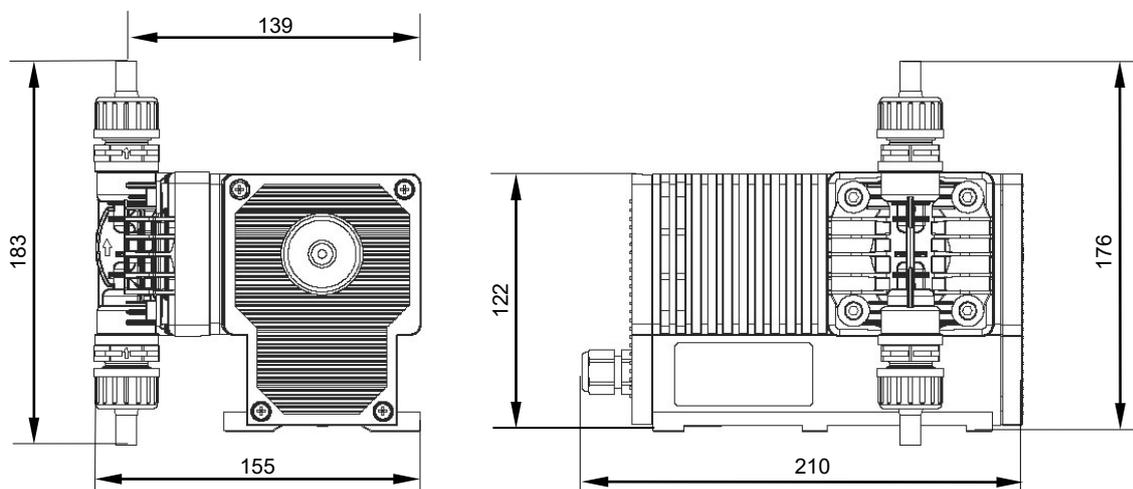
Type / Material no.	107020 / 107030	1070 / 107010
Pump capacity:	20 l/h	50 l/h
Metering back pressure:	max. 2 bar (0.2 MPa)	
Suction height:	2 m (Ws)	
Rotational speed max:	125 1/min	
Ambient temperature max:	40 °C	
Duty cycle:	25 % ED	
Connections:	Ø 10 / 16 mm	
Power supply:	230 V / 50 Hz	
Current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

Material:

Typ / Materialnr.	1070 / 107020	107010 / 107030
Housing:	Thermoplastic polyester	
Pump head:	PP	PVDF
Diaphragm:	PTFE – EPDM compound diaphragm	
Valve body:	PP	PVDF
Valve balls:	Ceramics	
Valve spring:	Hastelloy C4	
Seals:	EPDM	FPM 602 (Viton B)
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:



Ordering data:

Article	Version	Material No.
Turbopump	20 l/h, PP / EPDM	107020
	20 l/h, PVDF / FPM 602	107030
	50 l/h, PP / EPDM	1070
	50 l/h, PVDF / FPM 602	107010

Extent of supply: Connector cable (2.40 m)
Hose connection material 10/16 mm
Operating instructions