

Komba Series

Solenoid Dosing pump

Komba is a simple solenoid dosing pump, operating with a micro-processor to manage the dosing, it is easy to operate with stable flow rate. It has four models: DMS, DML, DMC and DMM.

Main features:

Max pressure: 10bar;

Max flow rate: 9L/H

Pump head: PVDF

Applications:

Urban water treatment and waste water treatment, dosing of chlorine dioxide, reverse osmosis, food, beverage and pharmacy, etc.



Compatible

PVDF pump head and ceramic ball valve as standard

- **PVDF** is suitable for almost all chemical used in the Industrial, Waste Water Treatment and potable Water applications
- The use of **Ceramic balls** as standard improves the pumping reliability and the chemical compatibility of the whole liquid end



Reliable

Long life diaphragm tested to give 5 years working life

- The advanced design and manufacturing process allows the diaphragm to have a unique life expectancy
- Made of pure solid PTFE, the diaphragm is compatible with most chemicals
- The diaphragm has been tested over a period of 5 years giving superior results
- Routine diaphragm replacement is no longer a requirement



Dosing model

The flow rate is adjustable manually or automatically (pulse or 4-20mA input);

DML, DMC and DMM have level control input;

The pump head has a manual priming valve.

Liquid end

Pump head	PVDF
Ball	Ceramic
Seal	FPM/EPDM
Diaphragm	PTFE

Installation

Horizontally mounted

Wall-mounted (optional)

Komba Series

Solenoid diaphragm pump



DMS Manual control

Flow rate manually adjustable by control dial on the front panel, Power-on LED indicator, with indication of frequency percentage(P%) and stroke number(F)

Hydraulic diaphragm pump



DML Manual control with level control input

Flow rate manually adjustable by control dial on the front panel, Power-on LED indicator, with indication of frequency percentage (P%)and stroke number(F), level control input

Mechanical diaphragm pump & plunger pump



DMC Automatic control(digital pulse signal input)

With operation status indication, level control input, have two dosing models:

- **Constant** The pump doses the rate selected with the button
- **Proportional** The pump doses proportionally to the digital input signal



DMM Automatic control (4-20mA input)

With operation status indication, level control input, have two dosing models: :

- **Constant** The pump doses the rate selected with the button
- **Proportional** The pump doses proportionally to 4-20mA current signal

Pumps identification

Version	
DMS	Flow rate by manual control
DML	Flow rate by manual control, with level control input
DMC	Flow rate by manual control Flow rate by automatic control: digital pulse signal input (water meter pulse signal); with level control input
DMM	Flow rate by manual control Flow rate by automatic control: 4-20mA current signal input; with level control input

Model	Pressure [bar]	Flow rate [L/H]	Stroke capacity [cc/stroke]	Ø Connections IN / OUT [mm]	Frequency max [stroke/min]	Consumption [W]	Weight [Kg]	Carton size (LxWxH)
200	10	3	0.31	4 / 6	160	14	2.5	280×205×180
	8	5	0.52					
	2	9	0.93					
201	7	1	0.10					

Power supply	
A	DMS: 240Vac, 50Hz
N	DML,DMC and DMM: 100-240Vac, 50/60Hz

Liquid end material		
H	Pump head: PVDF	Ball: Ceramic Diaphragm: PTFE

Installation kit	
P	PVDF

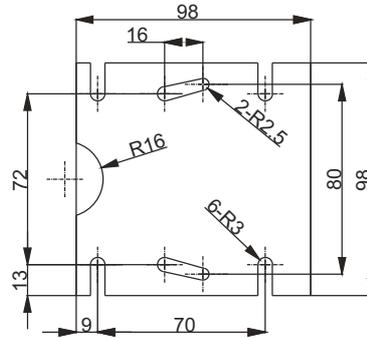
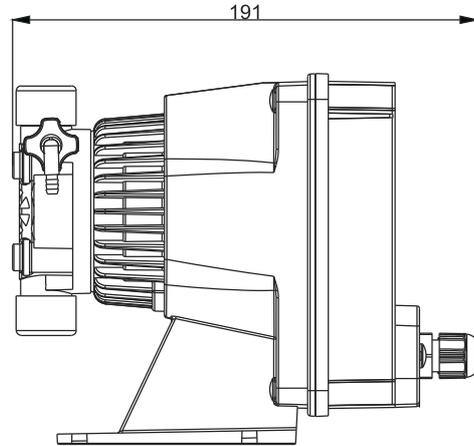
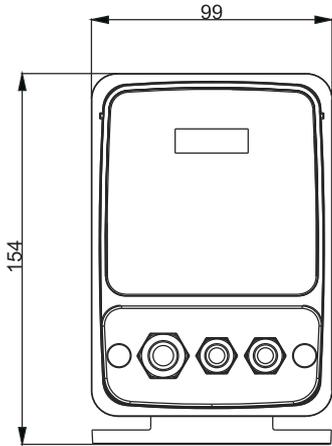
Seal	
0	FPM
1	EPDM

Options	
800	option

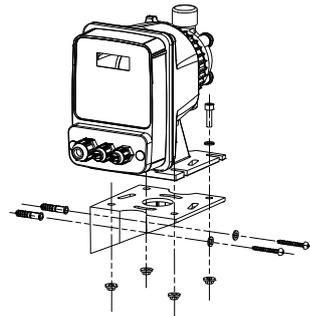
DML | 200 | N | H | P | 0 | 800

Technical features

Dimensional drawing



Wall-mounted(optional)



Installation kit

The pumps are supplied complete with the indispensable accessories for their correct installation as: Foot filter, injection valve, PE tube (delivery), PVC tube (suction)

