The WATER & SOLAR COMPANY
WATER & ENERGY SYSTEMS

PRODUCT CATALOGUE

SEKO Dosing Pump AMS Kompact Series

The Seko Kompact Series features a straightforward solenoid dosing pump that is controlled by a microprocessor for precise dosing management. Its external casing boasts an IP65 rating, ensuring protection against splashing water and harsh environments.

Kompact Analog version has a LED, which shows the state of the operation, according to the dosing regulation, constant C or proportional P:

<u>Constant</u>
Steady Green LED switches off with every stroke (pump running)
Flashing Green LED when the potentiometer is to 0
Steady Red LED switches on with the low-level alarm

<u>Proportional</u>
Steady Orange LED switches off with every stroke (pump running)
Flashing Orange LED when the potentiometer is to 0

The Kompact Digital pump is programmable with a backlighted display. It has a manual priming valve, adjustable flow rate, low-level alarm, and installation kit. The pump can be wall-mounted or placed on top of drums. Installation conditions include a maximum ambient temperature of 40°C and humidity below 90%, avoiding exposure to sun or bad weather.

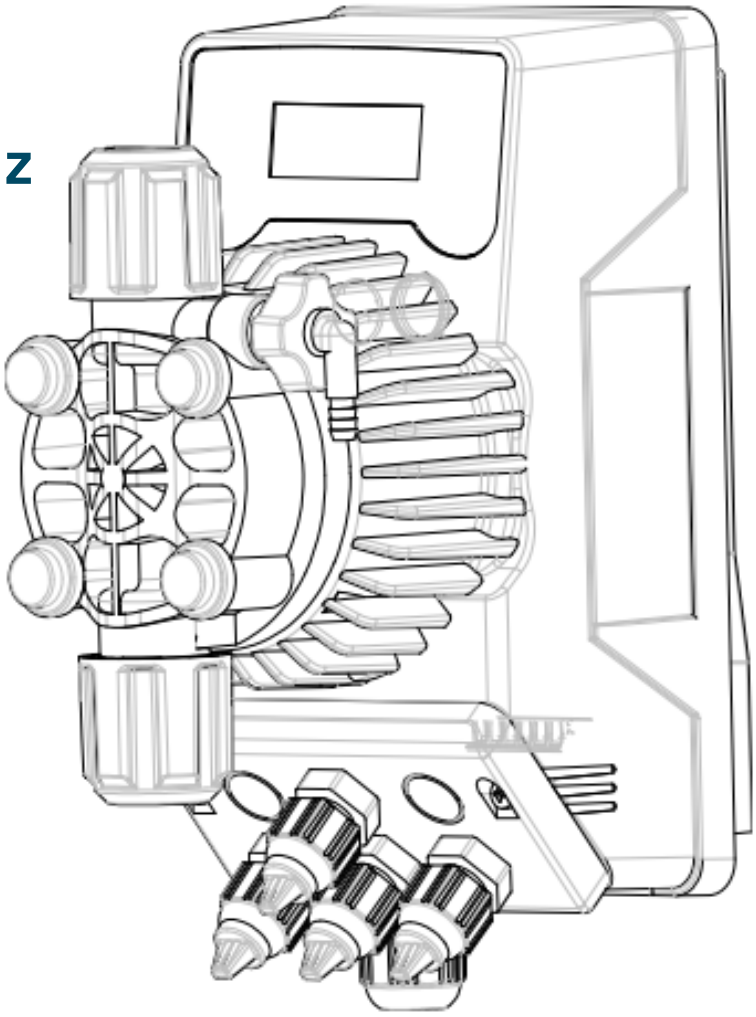
TECHNICAL CHARACTERISTICS

- **Flow rates:**

5 l/h at 8 bar
3 l/h at 10 bar

- **Power supply:**

240 Vac 50/60 Hz
100÷240 Vac 50/60 Hz
24 Vac/Vdc



- **Stroke rate:**

160 strokes/minute

- **Pump head:**

PVDF-T

- **Diaphragm:**

PTFE

- **External Enclosure:**

PP protection degree IP65

- **Installation kit:**

Included

KEY CODE

model	
AMS	Constant flow rate manually adjustable.
AML	Constant flow rate manually adjustable. Level control input
AMC	Analog constant flow rate manually adjustable. Proportional flow rate according to an external digital signal (water meter, 1:n or n:1).
DPT	Digital constant flow rate manually adjustable. Proportional flow rate according to an external analogic (4-20 mA) or digita signal (water meter, 1:n or n:1). Timed dosing with a weekly programmable timer; Dosage in ppm; Dosage batch; Statistics; Password;Input ON-OFF (remote switch).
DRP	Digital constant flow rate manually adjustable, Proportional flow rate according the measured pH or Redox value. PT100 probe input (thermal compensation). Input On-Off (remote control).

hydraulics	*Pressure* [bar]	*Flow rate* [l/h]	*Capacity* cc/stroke	*Frequency* [stroke/1']	*Ø Connections* IN / EXT [mm]
200	10	3	0,31	160	4 / 6
	8	5	0,52		

power supply	
A	230 Vac (AMS only)
N	100÷240 Vac 50/60 Hz
L	12 Vdc

liquid end	
H	PVDF

installation kit	
E	PVDF-T
H	PVDF
X	with 1,5 bar injection valve

seals		
0	FKM-B	
1	EPDM	
3	FFKM	kit with PTFE seals
B	FPM	for Car Wash applications - special seals
C	EPDM	

optional	
0	standard

optional / customization	
00	standard

DPT	200	N	P	E	0	0	00

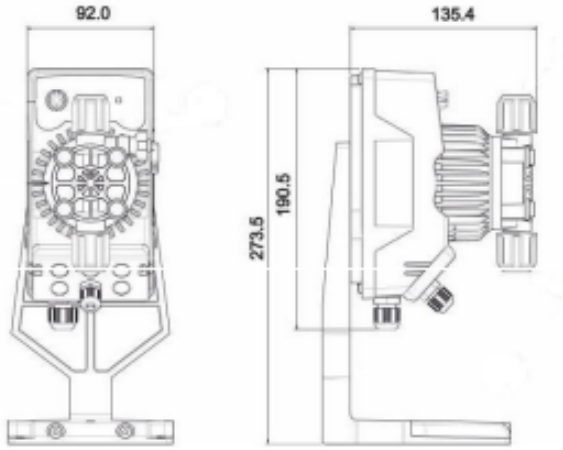
HYDRAULIC CHARACTERISTICS

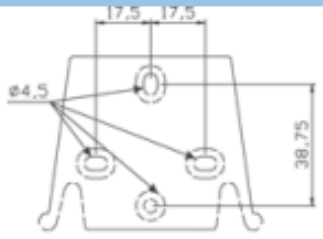
Pump Model	Pressure [bar]	Flow Rate [l/h]	Frequency max [str./min]	Stroke capacity [cc/str.]	Connection [mm]		Power supply [Vac]	Consumption [W]	
					Suction	Discharge		Min	Max
A M S 200 A	10 8	3,0 5,0	160	0,31 0,52	4/6	4/6	230 Vac	-	-
A M S 200 O	5 2	5,0 8,0	160	0,52 0,83	4/6	4/6	24 Vac	-	-
A M S 200 O	2	7,0	160	0,73	4/6	4/6	24 Vdc	-	-
A M L 200 N	10 8	3,0 5,0	160	0,31 0,52	4/6	4/6	100÷240 Vac	-	-
A M L 200 O	5 2	5,0 8,0	160	0,52 0,83	4/6	4/6	24 Vac	-	-
A M L 200 O	2	7,0	160	0,73	4/6	4/6	24 Vdc	-	-
A M C 200 N	10 8	3,0 5,0	160	0,31 0,52	4/6	4/6	100÷240 Vac	-	-
A M C 200 O	5 2	5,0 8,0	160	0,52 0,83	4/6	4/6	24 Vac	-	-
A M L 200 O	2	7,0	160	0,73	4/6	4/6	24 Vdc	-	-
D P T 200 N	10 8	3,0 5,0	160	0,31 0,52	4/6	4/6	100÷240 Vac	-	-
D P T 200 O	5 2	5,0 8,0	160	0,52 0,83	4/6	4/6	24 Vac	-	-
D P T 200 O	2	7,0	160	0,73	4/6	4/6	24 Vdc	-	-
D R P 200 N	10 8	3,0 5,0	160	0,31 0,52	4/6	4/6	100÷240 Vac	-	-
D R P 200 O	5 2	5,0 8,0	160	0,52 0,83	4/6	4/6	24 Vac	-	-
D R P 200 O	2	7,0	160	0,73	4/6	4/6	24 Vdc	-	-

**** Pressure Data in the table refer to the measured parameters on the plant, including the use of SEKO STANDARD injection fitting.***

DIMENSIONS

ALL the models

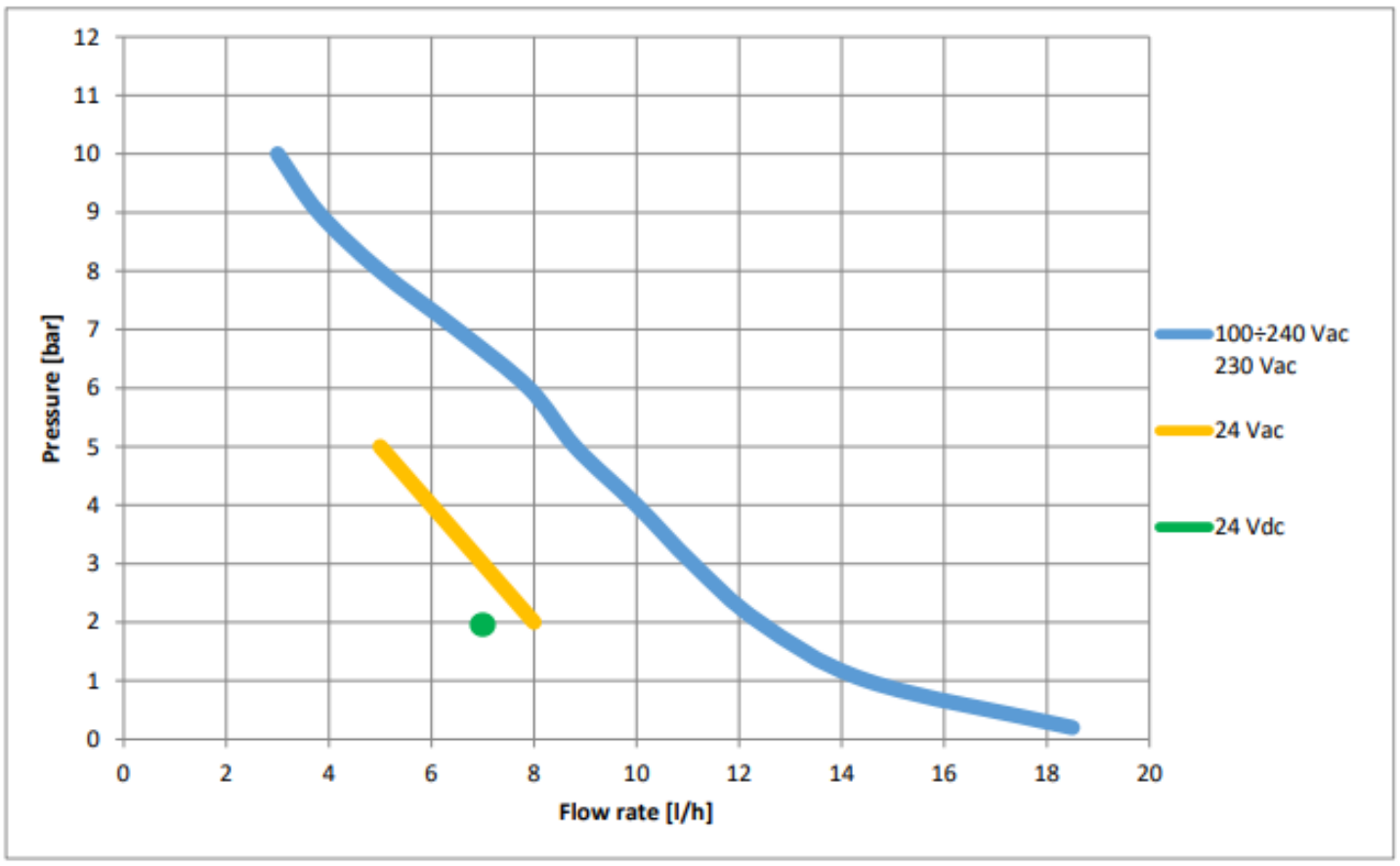




WALL bracket

INSTALLATION KIT	PVDF	PVDF-T
foot filter	•	•
injection valve	•	•
PVC suction / purge tube	4 mt	
PE delivery tube	2 mt	
Wall fixing bracket	*optional*	

PERFORMANCE CURVE



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