**Technical characteristics**

- Flow rates:
    - 5 l/h at 8 bar
    - 3 l/h at 10 bar
- Power supply:
    - 100÷240 Vac  50/60 Hz
    - 240 Vac  50/60 Hz
    - 24 Vac/dc
- Stroke rate: 160 strokes/minute
- Pump head:
    - PVC
- Diaphragm: PTFE
- External Enclosure: PP protection degree IP65
- Installation kit: Included

Seko Kompact Series is a simple solenoid dosing pump, operating with a micro-processor  to manage the dosing.

Its external enclosure has an IP55, which guarantees a protection versus splashing water and aggressive environments.

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

### Constant

- 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

### Proportional

- Steady orange LED switches off with every stroke (pump running)
- Flashing orange LED when the potentiometer is to 0

The pump head has a manual priming valve, the flow rate is manually adjustable from 0 (pump stop) to 100% of the max flow rate moreover it is equipped with the low level alarm and includes  the installation kit as well.

. Kompact pump can be fixed on wall  by fixing brackets .

### Models

**AMS**  Constant flow rate manually adjustable by control dial on the front panel

**AML**  Constant flow rate manually adjustable by control dial on the front panel, two flow rate ranges:

- **C** position 0-20% of max flow rate
- **P** position 0-100% of max flow rate

**AMM**  Constant flow rate manually adjustable and proportional according to a signal 4-20 mA

**AMC**  Constant flow rate manually adjustable and proportional according to a digital signal (Division mode 4:1)

## PUMP KEY CODE

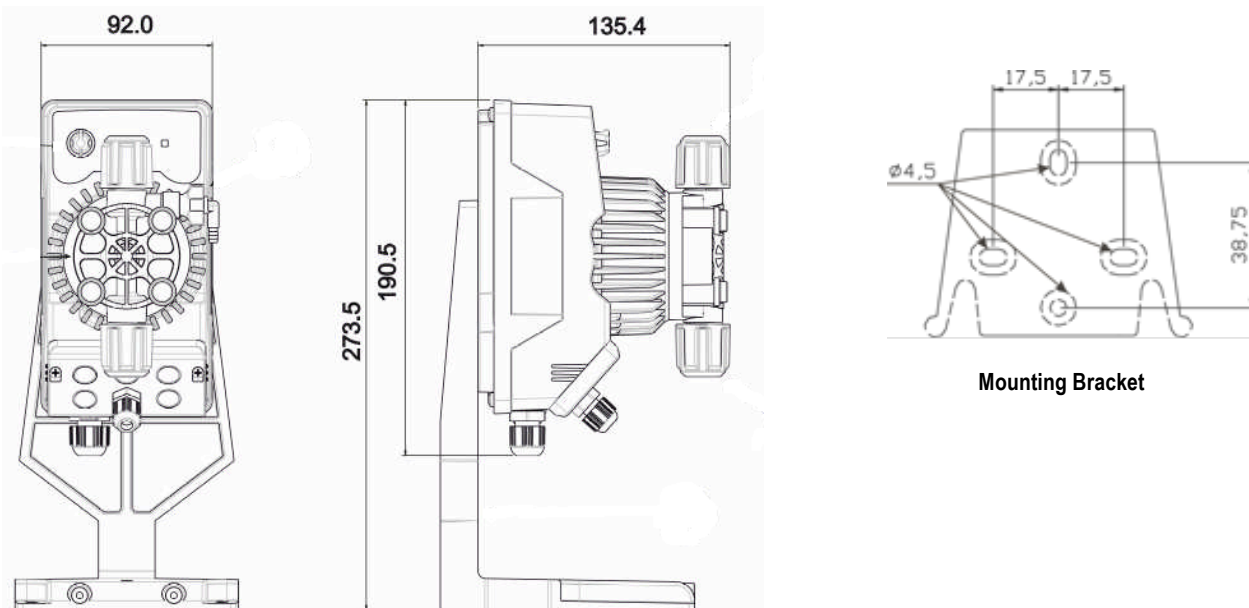| 1° | Model |
|---|---|
| AMS | Analog dosing pump with constant flow rate, manually adjustable |
| AML | Analog dosing pump with constant flow rate, manually adjustable, two frequency range 0÷20% (**P** position), 0÷100% (**C** position) of max flow rate, level control input |
| AMM | Analog dosing pump with two frequency ranges: constant flow rate (manually adjustable) and proportional flow rate according to an external analog (4-20 mA) signal, level control input |
| AMC | Analogic dosing pump with two frequency ranges: constant flow rate (manually adjustable) and proportional flow rate according to an external digital (water meter) signal, Division mode 4:1, level control input |

| 2° | Hydraulic | | | |
|---|---|---|---|---|
| 200 | Pressure [bar] | Flow rate [l/l] | cc/stroke | Stroke/min |
| | 8 | 5 | 0,52 | 160 |
| | 10 | 3 | 0,31 | |

| 3° | Power suplly |
|---|---|
| A | 240 Vac 50 Hz (AMS) |
| N | 100÷240 Vac 50/60 Hz |
| O | 24 Vac/Vdc |

| 4° | Pump head | | |
|---|---|---|---|
| P | Body pump | Ball | Diaphragm |
| | PVC | Ceramic | PTFE |

| 5° | Installation kit enclosed | |
|---|---|---|
| E | Foot filter / Injection valve | Ball |
| | PP | Ceramic |

| 6° | Seat valve |
|---|---|
| 0 | FPM |
| 1 | EPDM |

| 7° | Market |
|---|---|
| 0 | ALL |
| U | USA |
| 8 | CHINA |

| 8° | Optional |
|---|---|
| 0 | Standard |

| 9° | Optional |
|---|---|
| 0 | Standard |

| AML | 200 | N | P | E | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|

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Technical data can be changed without notice.
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## HYDRAULIC CHARACTERISTICS

| Pump Model | | | | | | Stroke/ min | Flow rate | | Power supply |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | l/h | l/h | |
| A | M | S | 2 | 0 | 0 | 160 | 5 at 8 bar | 3 at 10 bar | 240 Vac |
| A | M | S | 2 | 0 | 0 | 160 | 8 at 2 bar | 6 at 5 bar | 24 Vac |
| A | M | S | 2 | 0 | 0 | 160 | 7 at 2 bar | | 24 Vdc |
| A | M | L | 2 | 0 | 0 | 160 | 5 at 8 bar | 3 at 10 bar | 100÷240 Vac |
| A | M | M | 2 | 0 | 0 | 160 | | | |
| A | M | C | 2 | 0 | 0 | 160 | | | |

## DIMENSIONS*



**Mounting Bracket**

**\*The dimension are the same for all models**

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Technical data can be changed without notice.
TD_Kompact_Series_rev.0.1
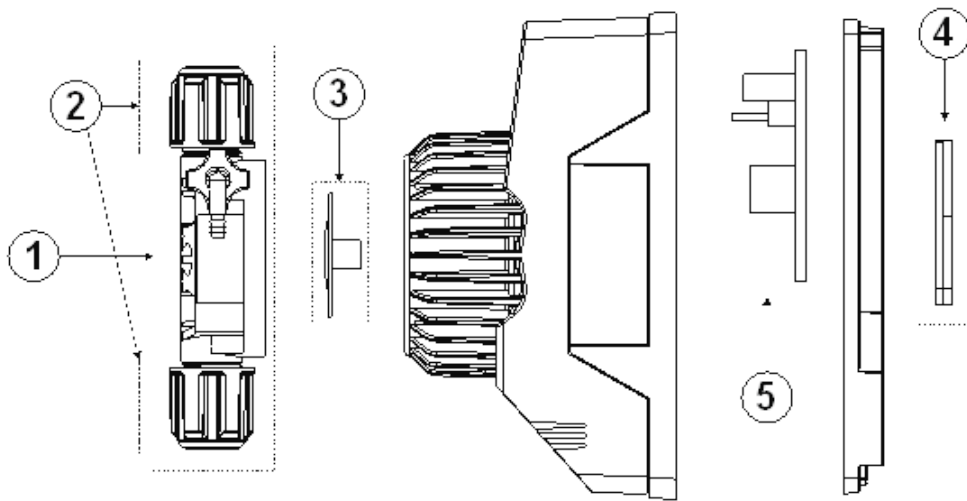
| Ref. | Description | | Model |
|---|---|---|---|
| 1 | **Complete Pump Head** ( PVC, Ceramic balls) Seals and Valves made in: | FPM | all the models |
| | | EPDM | |
| 2 | **Valve assembly** Suction + Discharge (**PVC / Ceramic**) Seals made in: | FPM | all the models |
| | | EPDM | |
| 3 | **Diaphgram** | PTFE | all the models |
| 4 | **Mounting bracket** | | all the models |
| 5 | **Electronic control boards** | | all the models |

## INSTALLATION KIT

| | |
|---|---|
| **WTD Installation Kit- PP** Foot filter, Screws, fixing bracket, Injection valve, 2m PE tube (delivery), 4 mt PVC tube (suction), Seal in FPM and EPDM | all the models |

 **Fixing bracket**

 **Injection valve**

 **Suction tube**

 **Delivery tube**

 **Foot filter**

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TD_Kompact_Series_rev.0.1