



MOTOR DRIVEN DIAPHRAGM DOSING PUMP AD SERIES

TECHNICAL FEATURES

| | |
|---------------------|---|
| Maximum Flow Rate: | Up to 123 l/h at 50Hz |
| Maximum Pressure: | Up to 14 bar |
| Power Supply Range: | 230-400V three phase 50Hz |
| Motor: | 0.18 kW |
| Stroke Rate: | From 60 to 120 strokes/min at 50Hz |
| Pump Head: | PP, PVC, SS316 or PVDF |
| Valves: | Ceramic or SS316 balls |
| Valve Seals | FPM, EPDM or NBR |
| Valve Seats | PVC or PVDF |
| Diaphragm: | PTFE |
| External Casing: | Die-cast aluminium housing protected by epoxy/anti-acid paint |
| Protection: | IP55 |
| Isolation Class: | F |
| Connections: | 1/2" Gm |
| Installation Kit: | Not included |



The Diaphragm Motor Driven Dosing Pump is a manual adjustment pump from 10% to 100%.

There are three standard versions:

1. "CA": which has a PP pump head - PTFE diaphragm - single ceramic ball check valves with FPM seals - PVC valve seats.
2. "BA": which has a PVC pump head - PTFE diaphragm - single ceramic ball check valves with FPM seals - PVC valve seats.
3. "AA": which has a SS316L pump head - PTFE diaphragm - single SS316L ball check valves with NBR seals - PVDF valve seats.

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| Code | Flow Rate (l/h) | Pressure (Bar) | Pressure (Bar) | strokes/min | Stroke Length | Ø Membrane (mm) | Power (kW) | Valves |
|---------------|-----------------|----------------|----------------|-------------|---------------|-----------------|------------|--------|
| | 50Hz | SS316 50Hz | PVC 50Hz | 50Hz | mm | | | |
| AD0010**00100 | 10 | 14 | 14 | 60 | 2,6 | 50 | 0.18 | 1/2"Gm |
| AD0016**00100 | 16 | 14 | 14 | 60 | 4 | | | |
| AD0021**00100 | 21 | 14 | 14 | 120 | 2,6 | | | |
| AD0027**00100 | 27 | 14 | 14 | 120 | 3,1 | | | |
| AD0033**00100 | 33 | 14 | 14 | 120 | 4 | | | |
| AD0019**00100 | 19 | 11 | 11 | 60 | 2,6 | 67 | 0.18 | 1/2"Gm |
| AD0030**00100 | 30 | 11 | 11 | 60 | 4 | | | |
| AD0039**00100 | 39 | 11 | 11 | 120 | 2,6 | | | |
| AD0051**00100 | 51 | 11 | 11 | 120 | 3,1 | | | |
| AD0060**00100 | 60 | 11 | 11 | 120 | 4 | | | |
| AD0041**00100 | 41 | 7 | 7 | 60 | 2,6 | 85 | 0.18 | 1/2"Gm |
| AD0061**00100 | 61 | 7 | 7 | 60 | 4 | | | |
| AD0084**00100 | 84 | 6 | 6 | 120 | 2,6 | | | |
| AD0104**00100 | 104 | 6 | 6 | 120 | 3,1 | | | |
| AD0123**00100 | 123 | 6 | 6 | 120 | 4 | | | |

DIMENSIONS

