

Rapida 2.0

Adjusting on the right frequency



Rapida 2.0

The latest new Doseuro product for improving the already known high performance pumps.

Quickly and Easily is the RAPIDA's motto, thanks to his display, control board and different function that allow to change the pump setting immediately.

The RAPIDA 2.0 inverter motor is an assembly of a three-phase asynchronous electric motor and an inverter board, designed to allow the speed of the motor to be varied. It is specifically fitted to the entire range of Doseuro SR series pumps.

POSSIBILITY
TO ROTATE
THE MOTOR
+/- 90°

GRAPHIC DISPLAY
WITH INDICATION OF
CURRENT FLOW RATE
(IN L / H OR GPH),
% OF SPEED OR
CURRENT FREQUENCY

POSSIBILITY
TO INSTALL
WIRED REMOTE
CONTROL KIT



Function

- **Manual:** flow rate adjustment with digit display
- **Analogic:** flow rate adjustment with input 4-20mA or 0-20mA or 0-10V or 2-10V
- **RS485 serial port:** flow rate adjustment with ModBUs/RTU protocol
- **Level control setting:** predisposed to be connected to level sensor
- **Batch:** pump can be programmable for operating only for a certain quantity
- **Timing mode:** delayed start or working in a determinate time HH:mm
- **Remote alarm:** relay exit to switch for any alarm
- **Priming:** mode to facilitate pump start-up

Technical data

- Vector voltage control for variation in frequency to control a 3Ph motor
- Motor power: from 0.25 kW up to 0.75 kW
- Power supply: 1Ph 230V ($\pm 10\%$) 50/60Hz - upon request 1Ph 110V ($\pm 10\%$) 50/60Hz
- Protection: IP55
- Ambient temperature: 0 - 45°C
- Ambient altitude: up to 1000 m above sea level
- Rated motor current at 230Vac: up to 3.5 A
- Guaranteed overload capacity in continuous service: 150%
- A.C. side current consumption at motor Pnominal 4.3 A (Rms)

Pump assignment				
Pump model	RAPIDA2.0	RAPIDA2.0	RAPIDA2.0	RAPIDA2.0
	02 0.25kw	0.3 0.37KW	0.5 0.55KW	0.7 0.75KW
D050N	■			
D100N	■	■		
D101N	■	■		
D121N			■	
D122N			■	■
A-B-BR-SD 125N	■			
A-B-BR-SD 175N	■	■		
A-B-BR-SD 250N			■	■
A350N				■

The benefits



GRANTING ACCURATE DOSING
Possibility to modify pump curves according to the real installation condition



WORKING TIME CHECKING



PASSWORD SETTING



REDUCED OVERALL DIMENSION



EASY TO INSTALL
Possibility to install on existing pumps

Applications

- Water & waste-water treatment
- Food industry
- Textile industry
- Power station
- Pulp & paper industry



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