

**EASY REGULATION
OF YOUR FLEXIBLE IMPELLER PUMP**



MOTORS WITH INTEGRATED FREQUENCY CONVERTER

By using a frequency converter, the motor speed is continuously adjustable to allow the regulation of capacity during the filling and dosing process. In addition, a high energy efficiency is reached from adapting the motor power.

- / change of rotation
- / overload protection
- / precise propulsion control
- / compact design
- / high energy efficiency
- / continuously adjustable

OPTIONAL OPERATION VIA BLUETOOTH

The adjustment of your impeller pump can be made by using the Bluetooth connection of a smartphone or tablet. Save, load, and send parameterization of your pump motor and supervise the pumps wirelessly in real-time.

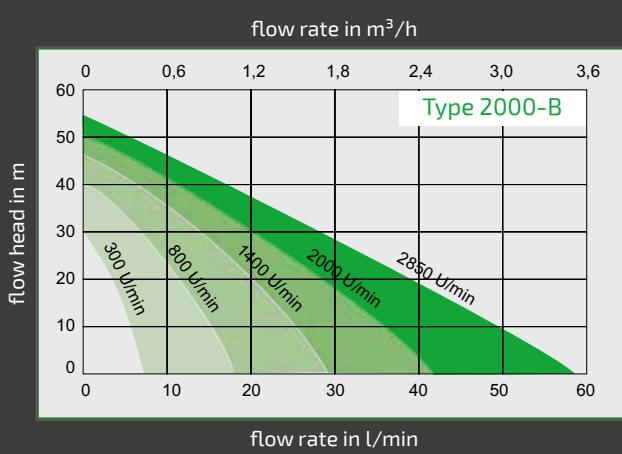
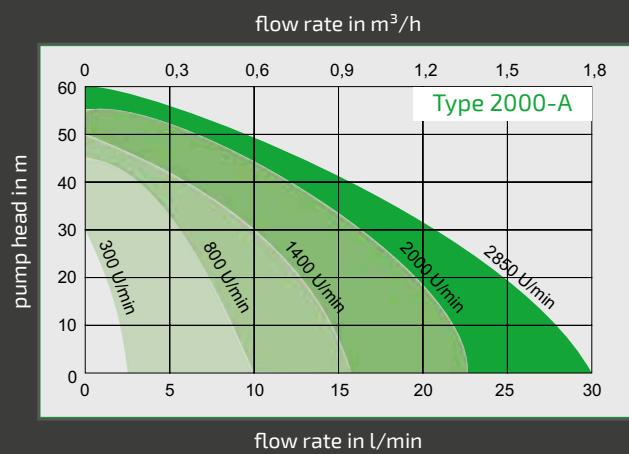
- / easy installation via app
- / fault analysis with fault history
- / 100% compatibility to PC software

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FREQUENCY CONVERTER INVEOR ALPHA

| | |
|--|--|
| recommended motor power / converter performance | 0,37 to 0,75 kW |
| supply voltage / frequency | 1x100 VAC -15 % to 230 VAC +10 %, 50 / 60 Hz +- 6 % |
| line current | 7,3 A |
| nominal output current at 230 V / 4 kHz | 3,3 A |
| output voltage | 1 AC, 0 up to mains voltage |
| output frequency | 0 to 400 Hz |
| overload for 60 seconds max. | 150 % |
| protective function | overvoltage, undervoltage, I^2t , short circuit, motor temperature, inverter temperature, tilt protection, anti-skid protection, PID dry run protection, motor current limit |
| recommended mains fuse (slow) | 10 A |
| process control | freely configurable PID controller |
| dimension (L x W x H) | 187 x 126 x 80 mm |
| weight incl. adapter plate | 1,5 kg |
| ambient temperature | -10 °C (without condensation) up to 40 °C (50 °C with derating) |
| degree of protection | IP 65 |
| EMC | complies with DIN EN 61800-3, class C2 |
| Certificates and Conformity | CE, (UL), RoHS |



with Perbunan-impeller

| ARTICLE DESCRIPTION | ITEM NUMBER |
|--|-------------|
| Frequency converter INVEOR alpha | 170010 |
| Interface cable INVEOR - PC to frequency converter | 170016 |
| Bluetooth stick for frequency converter INVEOR alpha | 17001060 |

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