



## HVS 1.1 - 3.4 Series

*Frequency converter Hydrovar<sup>®</sup> Sensorless type for single-phase and three-phase electric motor.*

### SPECIFICATIONS

**Power input:**

1 x 220-240 VAC +/- 15%

3 x 380-460 VAC +/- 15%

**Motor output voltage:**

3 x 220-240 VAC

3 x 380-460 VAC

**Power output:** 1.1 - 4 kW

**Body:** IP55

**Ambient temperature range:**

(over 40°C with decreased power only)

0-52°C

### PRODUCT FEATURES

- Sensorless control for circulation systems - no need for differential pressure sensor
- Control via current input
- Easy to install
- Direct assembly on pump
- Can be mounted on existing pumps
- Overheating protection
- Overvoltage and undervoltage protection
- Overload protection
- Compact design
- Variation in pump acceleration and deceleration ramps
- Automatic pressure drop compensation caused by the increase in delivery
- Analogue signal sent for remote pressure and frequency monitoring
- Automatic pump test



For a complete list of technical information, consult [www.lowara.com](http://www.lowara.com)

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