




# e-HM™

TAILOR-MADE FOR THE INDUSTRY

 **LOWARA**  
a xylem brand

# For when a reliable essential.

## Temperature control

- Electronic Data Processing
- Laser Equipment
- Industrial Refrigeration
- Heating and Cooling in industrial processes
- Variable speed drives



300 | per hour

## Food & Beverage

- Liquid Boosting and Transfer
- Mixing/Dosing



100 | per hour



350 | per hour

## Water treatment

- Ultra and nano filtration Systems
- Reverse Osmosis
- Softening, demineralizing and ionizing systems
- Dead end filtration



# water supply is



**150**  
per hour

## Industrial washing & cleaning

- Degreasing and Washing of product equipment
- Washing Machines, including car washing
- Mobile Washing Units
- Cleaning Units



per hour  
**110**

## Chemical & pharmaceutical industries

- Distilling System
- Evaporation

# Here comes the water.

## Minimal leakage risk.

The pump body has a maximum of two seal points to minimize the leakage risk.



# n

## Supremely efficient.

State-of-the-art hydraulics with best-in-class efficiency. IE3 motors as standard. Can be equipped with Hydrovar pump controller when a speed control helps save energy.





## Tailor-made for your application.

Product range to fit most applications which provides a full range of solutions: our e-HM™ comes in a variety of materials and configurations designed to fulfil all the requirements of the most common systems.



## Robust industrial design.

Thick sheet metal in pump body; long lifetime. Special bearing force reduction design for long bearing life. Oversized motors available for high density liquids.



## Easy to build in into equipment.

Same distance to suction port on most models.






## Flexible solutions.

Compact version for confined spaces. High efficiency version where low energy consumption is a priority.



# Extensive range.

			
Model	1	3	5
Flow range (m <sup>3</sup> /h)	0,7÷2,4	1,2÷4,4	2,4÷8,5
Max head (m)	152	159	159
Power (kW)	0,30÷1,5	0,30÷2,2	0,30÷3,0
Max pump efficiency (%)	49	58	69
Max operating pressure (bar)	16	16	16
Temperature range	-30°C - +120°C	-30°C - +120°C	-30°C - +120°C

## Tailor-made to your needs.

### Material options:

#### Pump

- AISI 304
- AISI 316
- Electropolished and passivated AISI 316

#### O-rings

- EPDM
- FPM
- Kalrez

#### Mechanical face seal

- Carbon
- Ceramic
- Silicon carbide

### Motor options:

#### Standard Voltage

##### 50 Hz:

1~: 220-240 V

3~: 220-240/380-415V, up to 3 kW

380-415/660-690V, from 4 kW included

##### 60 Hz

1~: 230V

3~: 220-380V

##### 50/60 Hz

3~: 230-400V 50 Hz / 265-460V 60 Hz

3~: 400-690V 50 Hz / 460V 60 Hz

Multiple Voltage options available

1-2 sizes oversized motors

PTC in windings

Heated motor for chiller applications

Higher ambient temperature

(up to 50°C) for warm environments



**10**

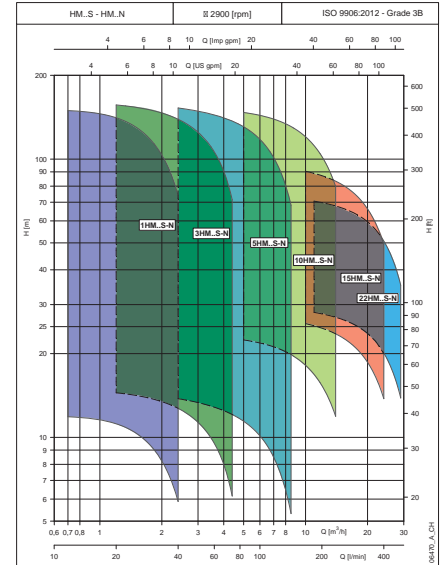


**15**



**22**

5÷14	8÷24	11÷29
159	102	76
0,75÷5,5	0,75÷5,5	2,2÷5,5
71	72	71
16	16	16
-30°C - +120°C	-30°C - +120°C	-30°C - +120°C



## Variable-speed drive options.

Xylem variable-speed pump controllers reduce energy consumption up to 70% compared to full speed pump.

Complete solution; Hydrovar includes VSD, transmitters and micro processor controller.

### Hydrovar (from 1,1 kW).

Fully flexible variable-speed drive with setting options that optimise pump function. Can control up to 8 other pumps.

Can control the pump in four different ways:

- Manual stepless speed setting
- Constant pressure
- Constant flow
- Variable pressure according to pump system curve

### Teknospeed (up to 1,1 kW).

Constant pressure controller with built in protection, can control the pump in two ways:

- Manual stepless speed setting
- 4-20 mA input for constant pressure

### Pump design.

The e-HM is a non-self-priming, end-suction horizontal multistage, high pressure centrifugal pump, with axial threaded inlet and radial threaded outlet.

UL listed version available.



# Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're approximately 12,700 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and reused in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

**For more information on how Xylem can help you, go to [xyleminc.com](http://xyleminc.com).**



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cod. 191003951 - P08/13