

# **LNE..H with HYDROVAR® (HVL range)**



## LNE..H SERIES (e-LNE WITH HYDROVAR)

### Background and context

For all pumping needs in commercial or residential building and in industry applications, the demand for intelligent pumping systems is constantly growing. Controlled systems offer many advantages: reduced operating costs for the lifetime of the pump, lower environmental impact, longer lifetime of piping systems and networks.

For this reason, Lowara has developed the LNE..H: an intelligent pumping system which assures high level performance with energy consumption tailored to the system's demand.

### Benefits of e-LNE with HYDROVAR

**Saving:** LNE..H transforms the LNE pumps into variable speed intelligent pumping systems. Thanks to the HYDROVAR, the speed of each pump varies so as to maintain a constant flow, a constant pressure, or a differential pressure. In doing so, at any point in time, the pump only receives the energy required. This in turn allows for considerable savings, especially for systems that have varying loads throughout the day.

**Easy installation and space-saving:** LNE..H saves time and space during installation. The Hydrovar is delivered already mounted on the motor (for models up to 22kW). The hydrovar is kept cool by the motor fan and does not require a control panel. In order to function, only fuses on the supply line are needed (Check your local electrical installation regulations). A wall-mounted HYDROVAR version is available for higher power outputs (up to 45 kW).

**Standard motors:** LNE..H models are fitted with three-phase standard TEFC motors with insulation class 155 (F).

### Identification code:

LNE..H models are identified by the letter "**H**" and the last two characters.

Examples:

LNEEH50-125/22/P25VCS4 /**2**

LNEEH50-125/22/P25VCS4 /**3**

LNEEH50-125/22/P25VCS4 /**4X**

**H** = with integrated HYDROVAR

**/2** = HYDROVAR HVL**2**.022 1~ 208-240 V (50/60 Hz)

**/3** = HYDROVAR HVL**3**.022 3~ 208-240 V (50/60 Hz)

**/4** = HYDROVAR HVL**4**.022 3~ 380-460 V (50/60 Hz)

Other options:

**X** = Wi-fi Card included.

(Premium Card already included as standard).

### Key Features of the HYDROVAR

- **No need for additional pressure sensors:**  
The LNE..H is fitted as standard with two pressure transmitters, normally are fitted on the flanges.
- **No need for special pumps or motors.**
- **LNE..H is already pre-wired.**
- **No need for IN LINE filters.**  
HYDROVAR already includes the THDi filter embedded as standard.
- **No need for bypass or safety systems:**  
The LNE..H will immediately switch off when demand drops to zero or when it exceeds maximum pump capacity; thus making installation of additional safety devices unnecessary.
- **Anti-condensation device:**  
The HYDROVAR is fitted with anti-condensation devices which switch on when the pump is in standby in order to prevent condensation forming in the unit.



## LNE..H SERIES (e-LNE WITH HYDROVAR)

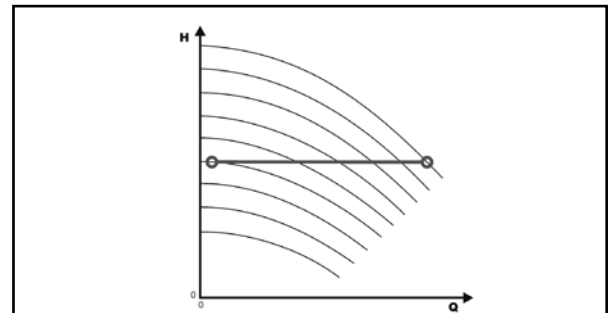
The basic function of the HYDROVAR device is to control the pump to meet the system demands.

### HYDROVAR performs these functions by:

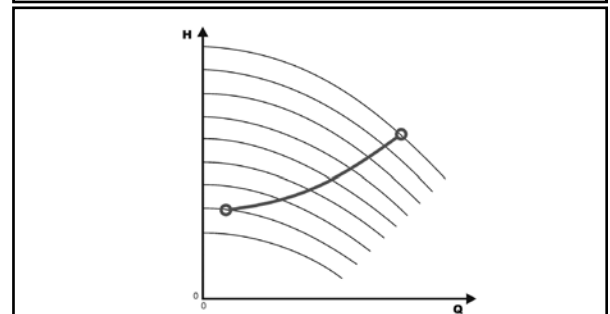
- 1) Measuring the system pressure or flow via a transmitter mounted on the pump's delivery side.
- 2) Calculating the motor speed to maintain the correct flow or pressure.
- 3) Sending out a signal to the pump to start the motor, increase speed, decrease speed or stop.
- 4) In the case of multiple pump installations, HYDROVAR will automatically provide for the cyclic changeover of the pumps' starting sequence.

In addition to these basic functions, HYDROVAR can perform controls only manageable by the most advanced computerized control systems. Some examples are:

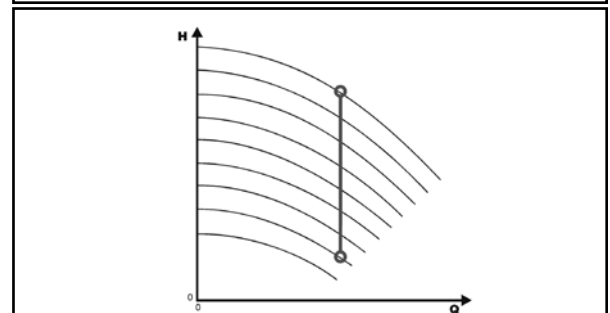
- Stop the pump(s) at zero demand.
- Stop the pump(s) in case of water failure on the suction side (protection against dry running).
- Stop the pump if the required delivery exceeds the pump's capacity (protection against cavitation caused by excessive demand), or automatically switch on the next pump in a multiple series.
- Protect the pump and motor from over-voltage, under-voltage, overload, and earth fault.
- Vary the pump speed: acceleration and deceleration time.
- Compensate for increased flow resistance at high flow rates.
- Conduct automatic tests at set intervals.
- Monitor the converter and motor operating hours.
- Display the energy consumption (kWh).
- Display all functions on an LCD in different languages (Italian, English, French, German, Spanish, Portuguese, Dutch, etc...).
- Send a signal to a remote control system which is proportional to the pressure and frequency.
- Communicate with external control system via Modbus (RS 485 interface) and Bacnet as standard.



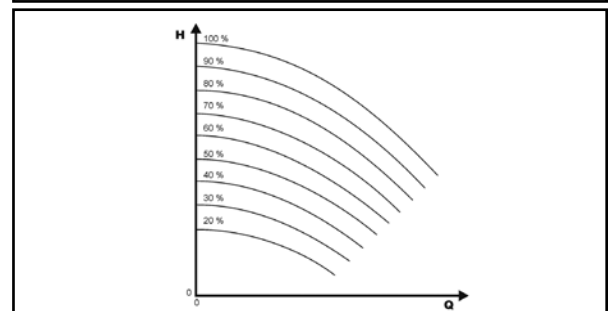
Control for constant pressure



Control to match a system curve



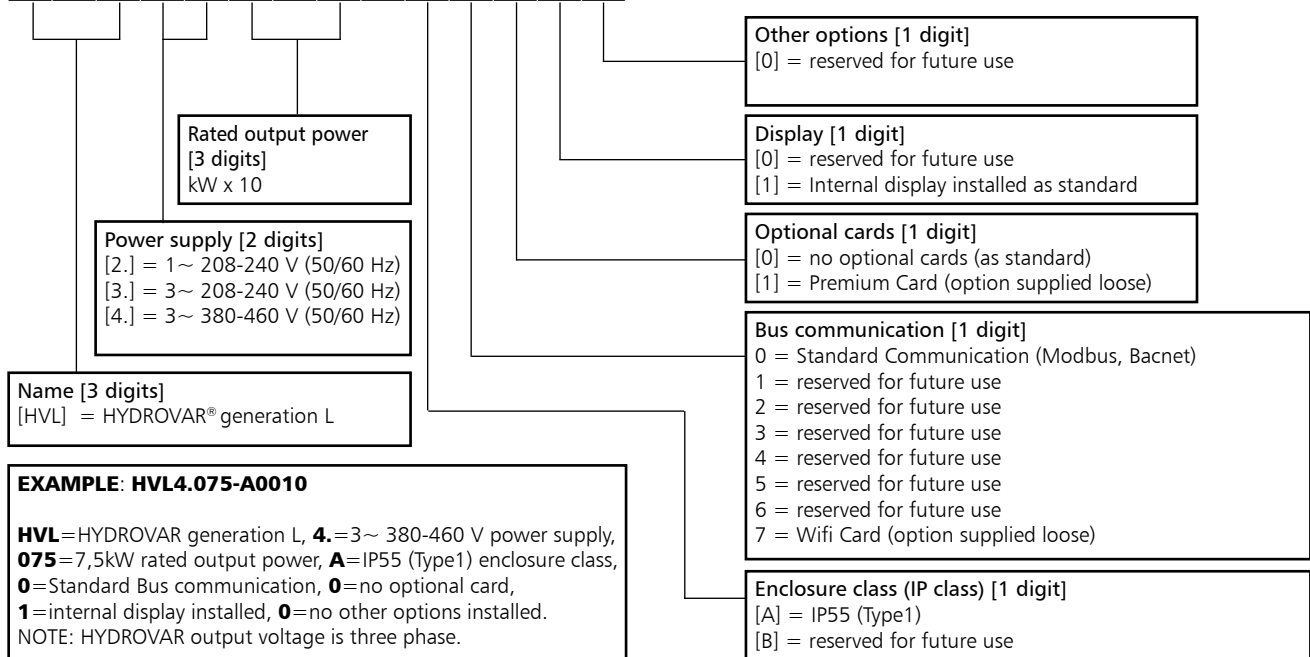
Control for constant flow



Control according to an external signal

## HYDROVAR HVL IDENTIFICATION CODE

**H V L 4 . 0 7 5 - A 0 0 1 0**



## DIMENSIONS AND WEIGHTS



| TYPE   | MODELS           |                  |                  | DIMENSIONS (mm) |     |     |     | WEIGHT<br>Kg |
|--------|------------------|------------------|------------------|-----------------|-----|-----|-----|--------------|
|        | /2               | /3               | /4               | L               | B   | H   | X   |              |
| SIZE A | HVL2.015 ÷ 2.022 | HVL3.015 ÷ 3.022 | HVL4.015 ÷ 4.040 | 216             | 205 | 170 | 243 | 5,6          |
| SIZE B | HVL2.030 ÷ 2.040 | HVL3.030 ÷ 3.055 | HVL4.055 ÷ 4.110 | 276             | 265 | 185 | 305 | 10,5         |
| SIZE C | -                | HVL3.075 ÷ 3.110 | HVL4.150 ÷ 4.220 | 366             | 337 | 200 | 407 | 15,6         |

HVL\_dim-en\_b\_td

## HYDROVAR HVL EMC COMPATIBILITY

### EMC requirements

HYDROVAR fulfills the product standard EN61800-3:2004 + A1:2012, which defines categories (C1 to C4) for device application areas.

Depending on the motor cable length, a classification of HYDROVAR by category (based on EN61800-3) is reported in the following tables:

| HVL           | HYDROVAR classification by categories based on EN61800-3 |
|---------------|----------------------------------------------------------|
| 2.015 ÷ 2.040 | C1 (*)                                                   |
| 3.015 ÷ 3.110 | C2 (*)                                                   |
| 4.015 ÷ 4.220 | C2 (*)                                                   |

(\*) 0,75 motor cable length; contact Xylem for further information

En-Rev\_A

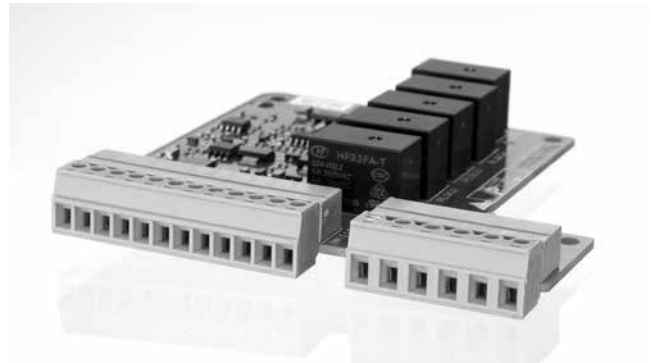
## CARD

### Premium Card HYDROVAR

For the e-LNE..H and e-LNT..H series, the Premium Card comes fitted as standard on the standalone HYDROVAR. This allows to control up to five fix speed pumps via an external panel.

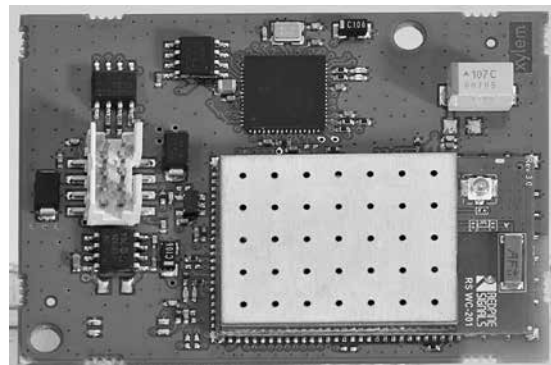
The Premium Card will allow additional features listed below:

- 2 additional Analog Inputs
- 2 Analog Outputs
- 1 additional digital input
- 5 relays.



### Wi-Fi Card HYDROVAR (optional)

With the WiFi card fitted in the Hydrovar, the unit can will allow you to be connected to a wireless network.



## OPTIONAL COMPONENTS

### Sensors

The following sensors are available for HYDROVAR:

- Pressure-transducer
- Differential pressure-transducer
- Temperature-sensor
- Flow indicator (orifice plate, inductive flow meter)
- Level-sensor.

## e-LNE..H SERIES

### LIST OF MODELS AT 50 Hz, 2 POLES

| SIZE<br><br>LNE..H | kW   | VERSION  |          |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|----------|----------|
|                    |      | LNEEH    |          |          | LNESH    |          |          |
|                    |      | /2       | /3       | /4       | /2       | /3       | /4       |
|                    |      | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |
| 40-125/11          | 1,1  | A        | A        | A        | A        | A        | A        |
| 40-125/15          | 1,5  | A        | A        | A        | A        | A        | A        |
| 40-125/22          | 2,2  | A        | A        | A        | A        | A        | A        |
| 40-125/30          | 3    | B        | B        | A        | B        | B        | A        |
| 40-160/30          | 3    | B        | B        | A        | B        | B        | A        |
| 40-160/40          | 4    | B        | B        | A        | B        | B        | A        |
| 40-160/55          | 5,5  | -        | B        | B        | -        | B        | B        |
| 40-200/40          | 4    | B        | B        | A        | B        | B        | A        |
| 40-200/55          | 5,5  | -        | B        | B        | -        | B        | B        |
| 40-200/75          | 7,5  | -        | C        | B        | -        | C        | B        |
| 40-250/92          | 9,2  | -        | C        | B        | -        | -        | -        |
| 40-250/110         | 11   | -        | C        | B        | -        | C        | B        |
| 40-250/150         | 15   | -        | -        | C        | -        | -        | C        |
| 50-125/15          | 1,5  | A        | A        | A        | A        | A        | A        |
| 50-125/22          | 2,2  | A        | A        | A        | A        | A        | A        |
| 50-125/30          | 3    | B        | B        | A        | B        | B        | A        |
| 50-125/40          | 4    | B        | B        | A        | B        | B        | A        |
| 50-160/40          | 4    | B        | B        | A        | B        | B        | A        |
| 50-160/55          | 5,5  | -        | B        | B        | -        | B        | B        |
| 50-160/75          | 7,5  | -        | C        | B        | -        | C        | B        |
| 50-200/75          | 7,5  | -        | C        | B        | -        | C        | B        |
| 50-200/92          | 9,2  | -        | C        | B        | -        | -        | -        |
| 50-200/110         | 11   | -        | C        | B        | -        | C        | B        |
| 50-250/110         | 11   | -        | C        | B        | -        | C        | B        |
| 50-250/150         | 15   | -        | -        | C        | -        | -        | C        |
| 50-250/185         | 18,5 | -        | -        | C        | -        | -        | C        |
| 50-250/220         | 22   | -        | -        | C        | -        | -        | C        |
| 65-125/30          | 3    | B        | B        | A        | B        | B        | A        |
| 65-125/40          | 4    | B        | B        | A        | B        | B        | A        |
| 65-125/55          | 5,5  | -        | B        | B        | -        | B        | B        |
| 65-125/75          | 7,5  | -        | C        | B        | -        | C        | B        |
| 65-160/75          | 7,5  | -        | C        | B        | -        | C        | B        |
| 65-160/92          | 9,2  | -        | C        | B        | -        | -        | -        |
| 65-160/110         | 11   | -        | C        | B        | -        | C        | B        |
| 65-200/110         | 11   | -        | C        | B        | -        | C        | B        |
| 65-200/150         | 15   | -        | -        | C        | -        | -        | C        |
| 65-200/185         | 18,5 | -        | -        | C        | -        | -        | C        |
| 65-250/185         | 18,5 | -        | -        | C        | -        | -        | C        |
| 65-250/220         | 22   | -        | -        | C        | -        | -        | C        |

LNEH-HVL\_models-2p50-en\_b\_sc

| SIZE<br><br>LNE..H | kW   | VERSION  |          |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|----------|----------|
|                    |      | LNEEH    |          |          | LNESH    |          |          |
|                    |      | /2       | /3       | /4       | /2       | /3       | /4       |
|                    |      | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |
| 80-160/75          | 7,5  | -        | C        | B        | -        | C        | B        |
| 80-160/92          | 9,2  | -        | C        | B        | -        | -        | -        |
| 80-160/110         | 11   | -        | C        | B        | -        | C        | B        |
| 80-160/150         | 15   | -        | -        | C        | -        | -        | C        |
| 80-160/185         | 18,5 | -        | -        | C        | -        | -        | C        |
| 80-200/185         | 18,5 | -        | -        | -        | -        | -        | C        |
| 80-200/220         | 22   | -        | -        | -        | -        | -        | C        |
| 100-160/110        | 11   | -        | C        | B        | -        | C        | B        |
| 100-160/150        | 15   | -        | -        | C        | -        | -        | C        |
| 100-160/185        | 18,5 | -        | -        | C        | -        | -        | C        |
| 100-160/220        | 22   | -        | -        | C        | -        | -        | C        |
| 100-200/220        | 22   | -        | -        | -        | -        | -        | C        |

#### LEGEND

**LNEEH** : Extended shaft with HYDROVAR (single version).

**LNESH** : Stub shaft with HYDROVAR (single version).

**A, B, C** : are the mechanical size of HYDROVAR, refer to "HYDROVAR DIMENSIONS AND WEIGHTS" table in the previous pages.

## e-LNE..H SERIES

### LIST OF MODELS AT 50 Hz, 4 POLES

| SIZE<br><br>LNE..H | kW   | VERSION  |          |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|----------|----------|
|                    |      | LNEEH    |          |          | LNESH    |          |          |
|                    |      | /2       | /3       | /4       | /2       | /3       | /4       |
|                    |      | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |
| 40-160/05          | 0,55 | A        | A        | A        | A        | A        | A        |
| 40-160/07          | 0,75 | A        | A        | A        | A        | A        | A        |
| 40-200/05          | 0,55 | A        | A        | A        | A        | A        | A        |
| 40-200/07          | 0,75 | A        | A        | A        | A        | A        | A        |
| 40-200/11          | 1,1  | A        | A        | A        | A        | A        | A        |
| 40-250/11          | 1,1  | -        | -        | -        | A        | A        | A        |
| 40-250/15          | 1,5  | A        | A        | A        | A        | A        | A        |
| 40-250/22          | 2,2  | A        | A        | A        | A        | A        | A        |
| 50-125/05          | 0,55 | A        | A        | A        | A        | A        | A        |
| 50-160/05          | 0,55 | A        | A        | A        | A        | A        | A        |
| 50-160/07          | 0,75 | A        | A        | A        | A        | A        | A        |
| 50-160/11          | 1,1  | A        | A        | A        | A        | A        | A        |
| 50-200/11          | 1,1  | A        | A        | A        | A        | A        | A        |
| 50-200/15          | 1,5  | A        | A        | A        | A        | A        | A        |
| 50-250/15          | 1,5  | A        | A        | A        | A        | A        | A        |
| 50-250/22          | 2,2  | A        | A        | A        | A        | A        | A        |
| 50-250/30          | 3    | B        | B        | A        | B        | B        | A        |
| 65-125/05          | 0,55 | A        | A        | A        | A        | A        | A        |
| 65-125/07          | 0,75 | A        | A        | A        | A        | A        | A        |
| 65-125/11          | 1,1  | A        | A        | A        | A        | A        | A        |
| 65-160/11          | 1,1  | A        | A        | A        | A        | A        | A        |
| 65-160/15          | 1,5  | A        | A        | A        | A        | A        | A        |
| 65-200/15          | 1,5  | A        | A        | A        | A        | A        | A        |
| 65-200/22          | 2,2  | A        | A        | A        | A        | A        | A        |
| 65-250/22          | 2,2  | A        | A        | A        | A        | A        | A        |
| 65-250/30          | 3    | B        | B        | A        | B        | B        | A        |
| 65-250/40          | 4    | B        | B        | A        | B        | B        | A        |
| 80-160/11A         | 1,1  | -        | -        | -        | A        | A        | A        |
| 80-160/15B         | 1,5  | A        | A        | A        | -        | -        | -        |
| 80-160/11          | 1,1  | -        | -        | -        | A        | A        | A        |
| 80-160/15          | 1,5  | A        | A        | A        | A        | A        | A        |
| 80-160/22          | 2,2  | A        | A        | A        | A        | A        | A        |
| 80-200/22          | 2,2  | -        | -        | -        | A        | A        | A        |
| 80-200/30          | 3    | -        | -        | -        | B        | B        | A        |
| 80-200/40          | 4    | -        | -        | -        | B        | B        | A        |
| 80-250/55          | 5,5  | -        | -        | -        | -        | B        | B        |
| 80-250/75          | 7,5  | -        | -        | -        | -        | C        | B        |
| 80-315/75          | 7,5  | -        | -        | -        | -        | C        | B        |
| 80-315/110         | 11   | -        | -        | -        | -        | C        | B        |
| 80-315/150         | 15   | -        | -        | -        | -        | -        | C        |

| SIZE<br><br>LNE..H | kW   | VERSION  |          |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|----------|----------|
|                    |      | LNEEH    |          |          | LNESH    |          |          |
|                    |      | /2       | /3       | /4       | /2       | /3       | /4       |
|                    |      | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |
| 100-160/15         | 1,5  | A        | A        | A        | A        | A        | A        |
| 100-160/22         | 2,2  | A        | A        | A        | A        | A        | A        |
| 100-160/30         | 3    | B        | B        | A        | B        | B        | A        |
| 100-200/30         | 3    | -        | -        | -        | B        | B        | A        |
| 100-200/40         | 4    | -        | -        | -        | B        | B        | A        |
| 100-200/55         | 5,5  | -        | -        | -        | -        | B        | B        |
| 100-250/55         | 5,5  | -        | -        | -        | -        | B        | B        |
| 100-250/75         | 7,5  | -        | -        | -        | -        | C        | B        |
| 100-250/110        | 11   | -        | -        | -        | -        | C        | B        |
| 100-315/110        | 11   | -        | -        | -        | -        | C        | B        |
| 100-315/150        | 15   | -        | -        | -        | -        | -        | C        |
| 100-315/185        | 18,5 | -        | -        | -        | -        | -        | C        |
| 100-315/220        | 22   | -        | -        | -        | -        | -        | C        |
| 125-160/22         | 2,2  | -        | -        | -        | A        | A        | A        |
| 125-160/30         | 3    | -        | -        | -        | B        | B        | A        |
| 125-160/40         | 4    | -        | -        | -        | B        | B        | A        |
| 125-200/55         | 5,5  | -        | -        | -        | -        | B        | B        |
| 125-200/75         | 7,5  | -        | -        | -        | -        | C        | B        |
| 125-250/75         | 7,5  | -        | -        | -        | -        | C        | B        |
| 125-250/110        | 11   | -        | -        | -        | -        | C        | B        |
| 125-315/150        | 15   | -        | -        | -        | -        | -        | C        |
| 125-315/185        | 18,5 | -        | -        | -        | -        | -        | C        |
| 125-315/220        | 22   | -        | -        | -        | -        | -        | C        |
| 150-200/55         | 5,5  | -        | -        | -        | -        | B        | B        |
| 150-200/75         | 7,5  | -        | -        | -        | -        | C        | B        |
| 150-200/110        | 11   | -        | -        | -        | -        | C        | B        |
| 150-250/110        | 11   | -        | -        | -        | -        | C        | B        |
| 150-250/150        | 15   | -        | -        | -        | -        | -        | C        |
| 150-315/185        | 18,5 | -        | -        | -        | -        | -        | C        |
| 150-315/220        | 22   | -        | -        | -        | -        | -        | C        |
| 200-250/150        | 15   | -        | -        | -        | -        | -        | C        |
| 200-250/185        | 18,5 | -        | -        | -        | -        | -        | C        |
| 200-250/220        | 22   | -        | -        | -        | -        | -        | C        |

LNEH-HVL\_models-4p50-en\_b\_sc

## e-LNE..H SERIES

### ELECTRICAL DATA TABLE AT 50 Hz, 2 POLES

| SIZE<br><br>LNE..H | kW   | INPUT CURRENT<br>(A) |         |         |         |         |         |
|--------------------|------|----------------------|---------|---------|---------|---------|---------|
|                    |      | LNEEH                |         |         | LNESH   |         |         |
|                    |      | /2                   | /3      | /4      | /2      | /3      | /4      |
|                    |      | 1~ 230V              | 3~ 230V | 3~ 400V | 1~ 230V | 3~ 230V | 3~ 400V |
| 40-125/11          | 1,1  | 5,8                  | 3,5     | 2,1     | 5,8     | 3,5     | 2,1     |
| 40-125/15          | 1,5  | 8,0                  | 4,8     | 2,8     | 8,0     | 4,8     | 2,8     |
| 40-125/22          | 2,2  | 11,7                 | 7,1     | 4,1     | 11,7    | 7,1     | 4,1     |
| 40-125/30          | 3    | 15,9                 | 9,6     | 5,6     | 15,9    | 9,6     | 5,6     |
| 40-160/30          | 3    | 15,9                 | 9,6     | 5,6     | 15,9    | 9,6     | 5,6     |
| 40-160/40          | 4    | 21,2                 | 12,6    | 7,3     | 21,2    | 12,6    | 7,3     |
| 40-160/55          | 5,5  | -                    | 17,3    | 10,1    | -       | 17,3    | 10,1    |
| 40-200/40          | 4    | 21,2                 | 12,6    | 7,3     | 21,2    | 12,6    | 7,3     |
| 40-200/55          | 5,5  | -                    | 17,3    | 10,1    | -       | 17,3    | 10,1    |
| 40-200/75          | 7,5  | -                    | 23,1    | 13,7    | -       | 23,1    | 13,7    |
| 40-250/92          | 9,2  | -                    | 28,4    | 16,2    | -       | -       | -       |
| 40-250/110         | 11   | -                    | 34,0    | 19,4    | -       | 34,0    | 19,4    |
| 40-250/150         | 15   | -                    | -       | 26,1    | -       | -       | 26,1    |
| 50-125/15          | 1,5  | 8,0                  | 4,8     | 2,8     | 8,0     | 4,8     | 2,8     |
| 50-125/22          | 2,2  | 11,7                 | 7,1     | 4,1     | 11,7    | 7,1     | 4,1     |
| 50-125/30          | 3    | 15,9                 | 9,6     | 5,6     | 15,9    | 9,6     | 5,6     |
| 50-125/40          | 4    | 21,2                 | 12,6    | 7,3     | 21,2    | 12,6    | 7,3     |
| 50-160/40          | 4    | 21,2                 | 12,6    | 7,3     | 21,2    | 12,6    | 7,3     |
| 50-160/55          | 5,5  | -                    | 17,3    | 10,1    | -       | 17,3    | 10,1    |
| 50-160/75          | 7,5  | -                    | 23,1    | 13,7    | -       | 23,1    | 13,7    |
| 50-200/75          | 7,5  | -                    | 23,1    | 13,7    | -       | 23,1    | 13,7    |
| 50-200/92          | 9,2  | -                    | 28,4    | 16,2    | -       | -       | -       |
| 50-200/110         | 11   | -                    | 34,0    | 19,4    | -       | 34,0    | 19,4    |
| 50-250/110         | 11   | -                    | 34,0    | 19,4    | -       | 34,0    | 19,4    |
| 50-250/150         | 15   | -                    | -       | 26,1    | -       | -       | 26,1    |
| 50-250/185         | 18,5 | -                    | -       | 32,1    | -       | -       | 32,2    |
| 50-250/220         | 22   | -                    | -       | 38,1    | -       | -       | 38,1    |
| 65-125/30          | 3    | 15,9                 | 9,6     | 5,6     | 15,9    | 9,6     | 5,6     |
| 65-125/40          | 4    | 21,2                 | 12,6    | 7,3     | 21,2    | 12,6    | 7,3     |
| 65-125/55          | 5,5  | -                    | 17,3    | 10,1    | -       | 17,3    | 10,1    |
| 65-125/75          | 7,5  | -                    | 23,1    | 13,7    | -       | 23,1    | 13,7    |
| 65-160/75          | 7,5  | -                    | 23,1    | 13,7    | -       | 23,1    | 13,7    |
| 65-160/92          | 9,2  | -                    | 28,4    | 16,2    | -       | -       | -       |
| 65-160/110         | 11   | -                    | 34,0    | 19,4    | -       | 34,0    | 19,4    |
| 65-200/110         | 11   | -                    | 34,0    | 19,4    | -       | 34,0    | 19,4    |
| 65-200/150         | 15   | -                    | -       | 26,1    | -       | -       | 26,1    |
| 65-200/185         | 18,5 | -                    | -       | 32,1    | -       | -       | 32,2    |
| 65-250/185         | 18,5 | -                    | -       | 32,1    | -       | -       | 32,2    |
| 65-250/220         | 22   | -                    | -       | 38,1    | -       | -       | 38,1    |

LNEH-HVL-2p50-en\_a\_te

| SIZE<br><br>LNE..H | kW   | INPUT CURRENT<br>(A) |         |         |         |         |         |
|--------------------|------|----------------------|---------|---------|---------|---------|---------|
|                    |      | LNEEH                |         |         | LNESH   |         |         |
|                    |      | /2                   | /3      | /4      | /2      | /3      | /4      |
|                    |      | 1~ 230V              | 3~ 230V | 3~ 400V | 1~ 230V | 3~ 230V | 3~ 400V |
| 80-160/75          | 7,5  | -                    | 23,1    | 13,7    | -       | 23,1    | 13,7    |
| 80-160/92          | 9,2  | -                    | 28,4    | 16,2    | -       | -       | -       |
| 80-160/110         | 11   | -                    | 34,0    | 19,4    | -       | 34,0    | 19,4    |
| 80-160/150         | 15   | -                    | -       | 26,1    | -       | -       | 26,1    |
| 80-160/185         | 18,5 | -                    | -       | 32,1    | -       | -       | 32,1    |
| 80-200/185         | 18,5 | -                    | -       | -       | -       | -       | 32,1    |
| 80-200/220         | 22   | -                    | -       | -       | -       | -       | 38,1    |
| 100-160/110        | 11   | -                    | 34,0    | 19,4    | -       | 34,0    | 19,4    |
| 100-160/150        | 15   | -                    | -       | 26,1    | -       | -       | 26,1    |
| 100-160/185        | 18,5 | -                    | -       | 32,1    | -       | -       | 32,1    |
| 100-160/220        | 22   | -                    | -       | 38,1    | -       | -       | 38,1    |
| 100-200/220        | 22   | -                    | -       | -       | -       | -       | 38,1    |



## e-LNE..H SERIES

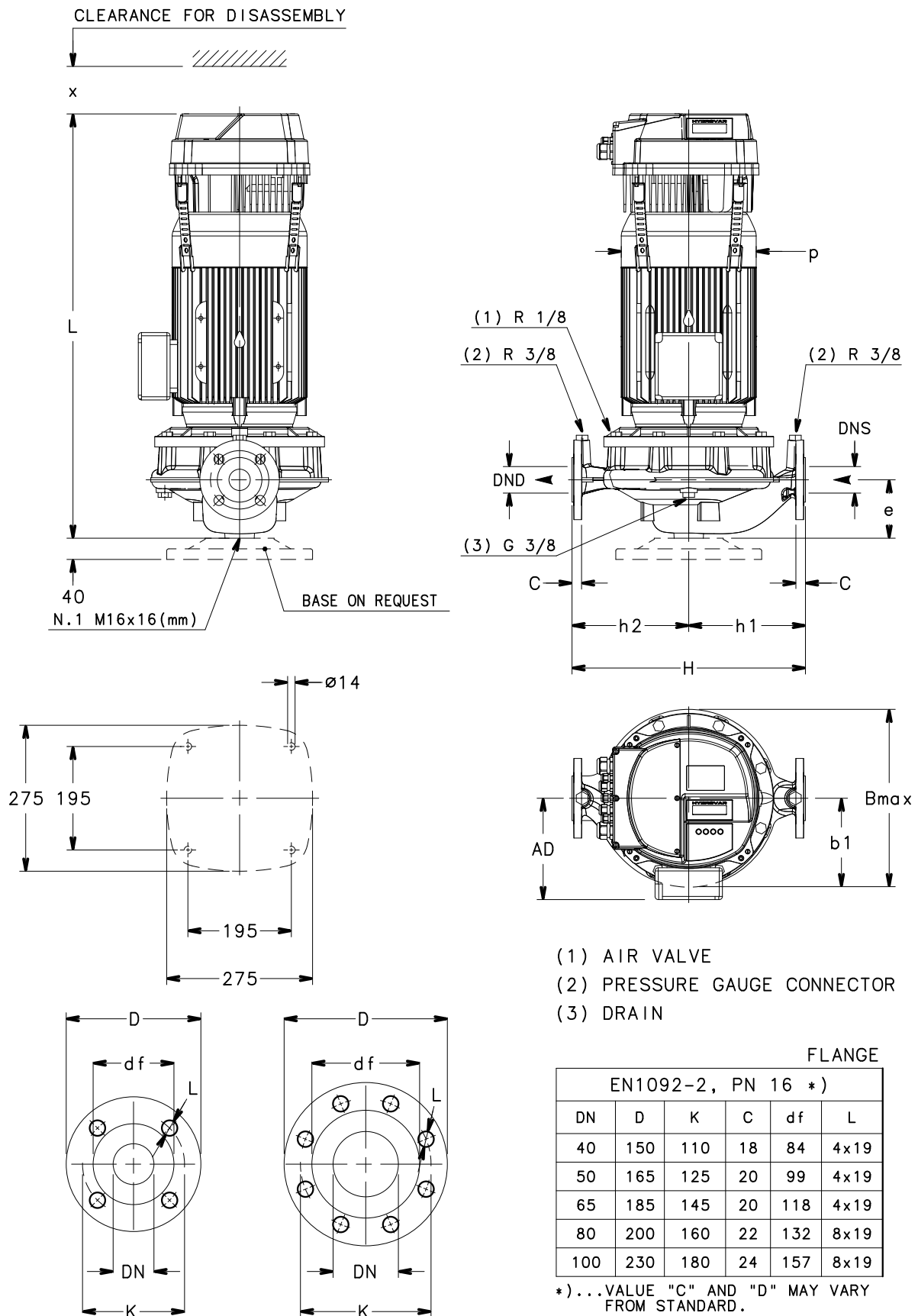
### ELECTRICAL DATA TABLE AT 50 Hz, 4 POLES

| SIZE<br><br>LNE..H | kW   | INPUT CURRENT<br>(A) |          |          |          |          |          |
|--------------------|------|----------------------|----------|----------|----------|----------|----------|
|                    |      | LNEEH                |          |          | LNESH    |          |          |
|                    |      | /2                   | /3       | /4       | /2       | /3       | /4       |
|                    |      | 1 ~ 230V             | 3 ~ 230V | 3 ~ 400V | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |
| 40-160/05          | 0,55 | 3,13                 | 1,99     | 1,29     | 3,13     | 1,99     | 1,29     |
| 40-160/07          | 0,75 | 4,27                 | 2,71     | 1,76     | 4,27     | 2,71     | 1,76     |
| 40-200/05          | 0,55 | 3,13                 | 1,99     | 1,29     | 3,13     | 1,99     | 1,29     |
| 40-200/07          | 0,75 | 4,27                 | 2,71     | 1,76     | 4,27     | 2,71     | 1,76     |
| 40-200/11          | 1,1  | 6,27                 | 3,98     | 2,58     | 6,27     | 3,98     | 2,58     |
| 40-250/11          | 1,1  | -                    | -        | -        | 6,27     | 3,98     | 2,58     |
| 40-250/15          | 1,5  | 8,55                 | 4,96     | 3,51     | 8,55     | 4,96     | 3,51     |
| 40-250/22          | 2,2  | 12,5                 | 7,04     | 5,15     | 12,5     | 7,04     | 5,15     |
| 50-125/05          | 0,55 | 3,13                 | 1,99     | 1,29     | 3,13     | 1,99     | 1,29     |
| 50-160/05          | 0,55 | 3,13                 | 1,99     | 1,29     | 3,13     | 1,99     | 1,29     |
| 50-160/07          | 0,75 | 4,27                 | 2,71     | 1,76     | 4,27     | 2,71     | 1,76     |
| 50-160/11          | 1,1  | 6,27                 | 3,98     | 2,58     | 6,27     | 3,98     | 2,58     |
| 50-200/11          | 1,1  | 6,27                 | 3,98     | 2,58     | 6,27     | 3,98     | 2,58     |
| 50-200/15          | 1,5  | 8,55                 | 4,96     | 3,51     | 8,55     | 4,96     | 3,51     |
| 50-250/15          | 1,5  | 8,55                 | 4,96     | 3,51     | 8,55     | 4,96     | 3,51     |
| 50-250/22          | 2,2  | 12,5                 | 7,04     | 5,15     | 12,5     | 7,04     | 5,15     |
| 50-250/30          | 3    | 17,1                 | 9,59     | 5,59     | 17,1     | 9,59     | 5,59     |
| 65-125/05          | 0,55 | 3,13                 | 1,99     | 1,29     | 3,13     | 1,99     | 1,29     |
| 65-125/07          | 0,75 | 4,27                 | 2,71     | 1,76     | 4,27     | 2,71     | 1,76     |
| 65-125/11          | 1,1  | 6,27                 | 3,98     | 2,58     | 6,27     | 3,98     | 2,58     |
| 65-160/11          | 1,1  | 6,27                 | 3,98     | 2,58     | 6,27     | 3,98     | 2,58     |
| 65-160/15          | 1,5  | 8,55                 | 4,96     | 3,51     | 8,55     | 4,96     | 3,51     |
| 65-200/15          | 1,5  | 8,55                 | 4,96     | 3,51     | 8,55     | 4,96     | 3,51     |
| 65-200/22          | 2,2  | 12,5                 | 7,04     | 5,15     | 12,5     | 7,04     | 5,15     |
| 65-250/22          | 2,2  | 12,5                 | 7,04     | 5,15     | 12,5     | 7,04     | 5,15     |
| 65-250/30          | 3    | 17,1                 | 9,59     | 5,59     | 17,1     | 9,59     | 5,59     |
| 65-250/40          | 4    | 22,8                 | 12,8     | 7,41     | 22,8     | 12,8     | 7,41     |
| 80-160/11A         | 1,1  | -                    | -        | -        | 6,27     | 3,98     | 2,58     |
| 80-160/15B         | 1,5  | 8,55                 | 4,96     | 3,51     | -        | -        | -        |
| 80-160/11          | 1,1  | -                    | -        | -        | 6,27     | 3,98     | 2,58     |
| 80-160/15          | 1,5  | 8,55                 | 4,96     | 3,51     | 8,55     | 4,96     | 3,51     |
| 80-160/22          | 2,2  | 12,5                 | 7,04     | 5,15     | 12,5     | 7,04     | 5,15     |
| 80-200/22          | 2,2  | -                    | -        | -        | 12,5     | 7,04     | 5,15     |
| 80-200/30          | 3    | -                    | -        | -        | 17,1     | 9,59     | 5,59     |
| 80-200/40          | 4    | -                    | -        | -        | 22,8     | 12,8     | 7,41     |
| 80-250/55          | 5,5  | -                    | -        | -        | -        | 17,3     | 10,1     |
| 80-250/75          | 7,5  | -                    | -        | -        | -        | 23,5     | 13,7     |
| 80-315/75          | 7,5  | -                    | -        | -        | -        | 23,5     | 13,7     |
| 80-315/110         | 11   | -                    | -        | -        | -        | 34,5     | 19,4     |
| 80-315/150         | 15   | -                    | -        | -        | -        | -        | 26,2     |

LNEH-HVL-4p50-en\_a\_te

| SIZE<br><br>LNE..H | kW   | INPUT CURRENT<br>(A) |          |          |          |          |          |
|--------------------|------|----------------------|----------|----------|----------|----------|----------|
|                    |      | LNEEH                |          |          | LNESH    |          |          |
|                    |      | /2                   | /3       | /4       | /2       | /3       | /4       |
|                    |      | 1 ~ 230V             | 3 ~ 230V | 3 ~ 400V | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |
| 100-160/15         | 1,5  | 8,55                 | 4,96     | 3,51     | 8,55     | 4,96     | 3,51     |
| 100-160/22         | 2,2  | 12,5                 | 7,04     | 5,15     | 12,5     | 7,04     | 5,15     |
| 100-160/30         | 3    | 17,1                 | 9,6      | 5,59     | 17,1     | 9,6      | 5,59     |
| 100-200/30         | 3    | -                    | -        | -        | 17,1     | 9,6      | 5,59     |
| 100-200/40         | 4    | -                    | -        | -        | 22,8     | 12,8     | 7,41     |
| 100-200/55         | 5,5  | -                    | -        | -        | -        | 17,3     | 10,1     |
| 100-250/55         | 5,5  | -                    | -        | -        | -        | 17,3     | 10,1     |
| 100-250/75         | 7,5  | -                    | -        | -        | -        | 23,5     | 13,7     |
| 100-250/110        | 11   | -                    | -        | -        | -        | 34,5     | 19,4     |
| 100-315/110        | 11   | -                    | -        | -        | -        | 34,5     | 19,4     |
| 100-315/150        | 15   | -                    | -        | -        | -        | -        | 26,2     |
| 100-315/185        | 18,5 | -                    | -        | -        | -        | -        | 32,3     |
| 100-315/220        | 22   | -                    | -        | -        | -        | -        | 38,8     |
| 125-160/22         | 2,2  | -                    | -        | -        | 12,5     | 7,04     | 5,15     |
| 125-160/30         | 3    | -                    | -        | -        | 17,1     | 9,6      | 5,59     |
| 125-160/40         | 4    | -                    | -        | -        | 22,8     | 12,8     | 7,41     |
| 125-200/55         | 5,5  | -                    | -        | -        | -        | 17,3     | 10,1     |
| 125-200/75         | 7,5  | -                    | -        | -        | -        | 23,5     | 13,7     |
| 125-250/75         | 7,5  | -                    | -        | -        | -        | 23,5     | 13,7     |
| 125-250/110        | 11   | -                    | -        | -        | -        | 34,5     | 19,4     |
| 125-315/150        | 15   | -                    | -        | -        | -        | -        | 26,2     |
| 125-315/185        | 18,5 | -                    | -        | -        | -        | -        | 32,3     |
| 125-315/220        | 22   | -                    | -        | -        | -        | -        | 38,8     |
| 150-200/55         | 5,5  | -                    | -        | -        | -        | 17,3     | 10,1     |
| 150-200/75         | 7,5  | -                    | -        | -        | -        | 23,5     | 13,7     |
| 150-200/110        | 11   | -                    | -        | -        | -        | 34,5     | 19,4     |
| 150-250/110        | 11   | -                    | -        | -        | -        | 34,5     | 19,4     |
| 150-250/150        | 15   | -                    | -        | -        | -        | -        | 26,2     |
| 150-315/185        | 18,5 | -                    | -        | -        | -        | -        | 32,3     |
| 150-315/220        | 22   | -                    | -        | -        | -        | -        | 38,8     |
| 200-250/150        | 15   | -                    | -        | -        | -        | -        | 26,2     |
| 200-250/185        | 18,5 | -                    | -        | -        | -        | -        | 32,3     |
| 200-250/220        | 22   | -                    | -        | -        | -        | -        | 38,8     |

**LNEEH 40, 50, 65, 80 100 SERIES**  
**DIMENSIONS AND WEIGHTS AT 50 Hz, 2 POLES**



## LNEEH 40, 50, 65, 80 100 SERIES

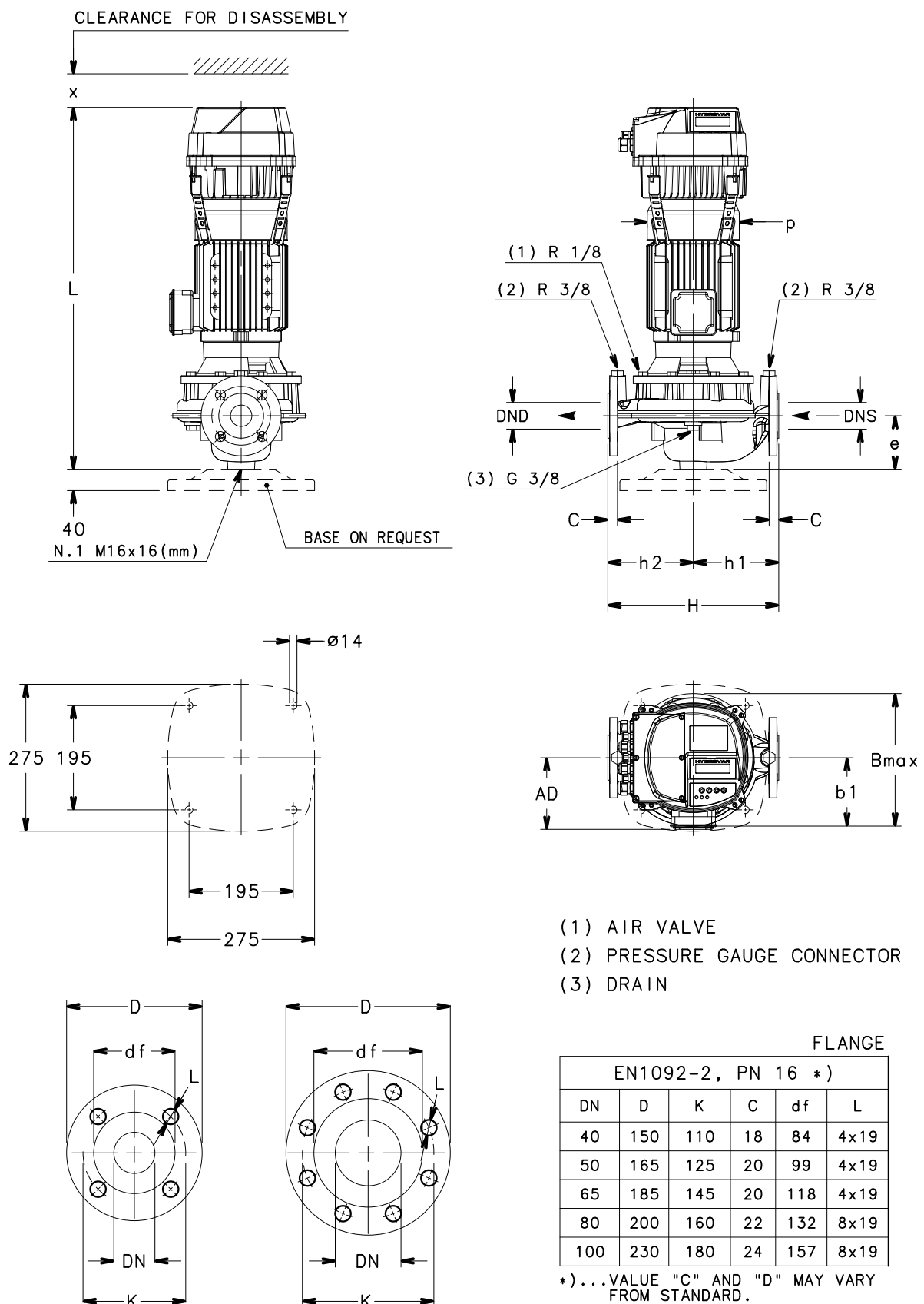
### DIMENSIONS AND WEIGHTS AT 50 Hz, 2 POLES

| PUMP TYPE<br>LNEEH.. | DIMENSIONS (mm) |     |     |     |     |     |     |     | B<br>max | H   | L       |         |         | x<br>≥ | WEIGHT (kg) |         |         |
|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|----------|-----|---------|---------|---------|--------|-------------|---------|---------|
|                      | DND             | DNS | e   | h1  | h2  | AD  | b1  | p   |          |     | /2      | /3      | /4      |        | /2          | /3      | /4      |
|                      |                 |     |     |     |     |     |     |     |          |     | 1~ 230V | 3~ 230V | 3~ 400V |        | 1~ 230V     | 3~ 230V | 3~ 400V |
| 40-125/11/S          | 40              | 40  | 100 | 160 | 160 | 129 | 128 | 155 | 249      | 320 | 643     | 643     | 643     | 300    | 38,6        | 38,6    | 38,6    |
| 40-125/15/S          | 40              | 40  | 100 | 160 | 160 | 129 | 128 | 155 | 249      | 320 | 643     | 643     | 643     | 300    | 39,6        | 39,6    | 39,6    |
| 40-125/22/P          | 40              | 40  | 100 | 160 | 160 | 134 | 128 | 174 | 254      | 320 | 678     | 678     | 678     | 300    | 46,6        | 46,6    | 46,6    |
| 40-125/30/P          | 40              | 40  | 100 | 160 | 160 | 134 | 128 | 174 | 254      | 320 | 693     | 693     | 678     | 300    | 52,5        | 52,5    | 47,6    |
| 40-160/30/P          | 40              | 40  | 100 | 160 | 160 | 134 | 128 | 174 | 254      | 320 | 693     | 693     | 678     | 300    | 52,5        | 52,5    | 47,6    |
| 40-160/40/P          | 40              | 40  | 100 | 160 | 160 | 154 | 128 | 197 | 274      | 320 | 714     | 714     | 699     | 300    | 57,5        | 57,5    | 52,6    |
| 40-160/55/P          | 40              | 40  | 100 | 160 | 160 | 168 | 128 | 214 | 288      | 320 | -       | 748     | 748     | 300    | -           | 66,5    | 66,5    |
| 40-200/40/P          | 40              | 40  | 110 | 220 | 220 | 154 | 168 | 197 | 336      | 440 | 714     | 714     | 699     | 300    | 74,5        | 74,5    | 69,6    |
| 40-200/55/P          | 40              | 40  | 110 | 220 | 220 | 168 | 168 | 214 | 336      | 440 | -       | 748     | 748     | 300    | -           | 83,5    | 83,5    |
| 40-200/75/P          | 40              | 40  | 110 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -       | 777     | 762     | 300    | -           | 107,6   | 102,5   |
| 40-250/92/P          | 40              | 40  | 110 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -       | 815     | 800     | 300    | -           | 113,6   | 108,5   |
| 40-250/110/P         | 40              | 40  | 110 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -       | 815     | 800     | 300    | -           | 116,6   | 111,5   |
| 40-250/150/P         | 40              | 40  | 110 | 220 | 220 | 240 | 168 | 313 | 408      | 440 | -       | -       | 904     | 300    | -           | -       | 156,6   |
| 50-125/15/S          | 50              | 50  | 116 | 180 | 160 | 129 | 128 | 155 | 247      | 340 | 649     | 649     | 649     | 300    | 43,6        | 43,6    | 43,6    |
| 50-125/22/P          | 50              | 50  | 116 | 180 | 160 | 134 | 128 | 174 | 252      | 340 | 684     | 684     | 684     | 300    | 50,6        | 50,6    | 50,6    |
| 50-125/30/P          | 50              | 50  | 116 | 180 | 160 | 134 | 128 | 174 | 252      | 340 | 699     | 699     | 684     | 300    | 56,5        | 56,5    | 51,6    |
| 50-125/40/P          | 50              | 50  | 116 | 180 | 160 | 154 | 128 | 197 | 272      | 340 | 720     | 720     | 705     | 300    | 61,5        | 61,5    | 56,6    |
| 50-160/40/P          | 50              | 50  | 116 | 180 | 160 | 154 | 128 | 197 | 272      | 340 | 720     | 720     | 705     | 300    | 61,5        | 61,5    | 56,6    |
| 50-160/55/P          | 50              | 50  | 116 | 180 | 160 | 168 | 128 | 214 | 286      | 340 | -       | 754     | 754     | 300    | -           | 70,5    | 70,5    |
| 50-160/75/P          | 50              | 50  | 116 | 180 | 160 | 191 | 128 | 256 | 319      | 340 | -       | 783     | 768     | 300    | -           | 96,6    | 91,5    |
| 50-200/75/P          | 50              | 50  | 111 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -       | 778     | 763     | 300    | -           | 110,6   | 105,5   |
| 50-200/92/P          | 50              | 50  | 111 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -       | 816     | 801     | 300    | -           | 116,6   | 111,5   |
| 50-200/110/P         | 50              | 50  | 111 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -       | 816     | 801     | 300    | -           | 119,6   | 114,5   |
| 50-250/110/P         | 50              | 50  | 111 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -       | 816     | 801     | 300    | -           | 119,6   | 114,5   |
| 50-250/150/P         | 50              | 50  | 111 | 220 | 220 | 240 | 168 | 313 | 408      | 440 | -       | -       | 905     | 300    | -           | -       | 159,6   |
| 50-250/185/P         | 50              | 50  | 111 | 220 | 220 | 240 | 168 | 313 | 408      | 440 | -       | -       | 905     | 300    | -           | -       | 170,6   |
| 50-250/220/P         | 50              | 50  | 111 | 220 | 220 | 240 | 168 | 313 | 408      | 440 | -       | -       | 905     | 300    | -           | -       | 179,6   |
| 65-125/30/P          | 65              | 65  | 105 | 190 | 170 | 134 | 148 | 174 | 296      | 360 | 713     | 713     | 698     | 300    | 68,5        | 68,5    | 63,6    |
| 65-125/40/P          | 65              | 65  | 105 | 190 | 170 | 154 | 148 | 197 | 302      | 360 | 734     | 734     | 719     | 300    | 73,5        | 73,5    | 68,6    |
| 65-125/55/P          | 65              | 65  | 105 | 190 | 170 | 168 | 148 | 214 | 316      | 360 | -       | 768     | 768     | 300    | -           | 82,5    | 82,5    |
| 65-125/75/P          | 65              | 65  | 105 | 190 | 170 | 191 | 148 | 256 | 339      | 360 | -       | 797     | 782     | 300    | -           | 106,6   | 101,5   |
| 65-160/75/P          | 65              | 65  | 105 | 190 | 170 | 191 | 148 | 256 | 339      | 360 | -       | 797     | 782     | 300    | -           | 106,6   | 101,5   |
| 65-160/92/P          | 65              | 65  | 105 | 190 | 170 | 191 | 148 | 256 | 339      | 360 | -       | 835     | 820     | 300    | -           | 112,6   | 107,5   |
| 65-160/110/P         | 65              | 65  | 105 | 190 | 170 | 191 | 148 | 256 | 339      | 360 | -       | 835     | 820     | 300    | -           | 115,6   | 110,5   |
| 65-200/110/P         | 65              | 65  | 118 | 238 | 238 | 191 | 178 | 256 | 360      | 475 | -       | 823     | 808     | 300    | -           | 123,6   | 118,5   |
| 65-200/150/P         | 65              | 65  | 118 | 238 | 238 | 240 | 178 | 313 | 409      | 475 | -       | -       | 912     | 300    | -           | -       | 163,6   |
| 65-200/185/P         | 65              | 65  | 118 | 238 | 238 | 240 | 178 | 313 | 409      | 475 | -       | -       | 912     | 300    | -           | -       | 174,6   |
| 65-250/185/P         | 65              | 65  | 118 | 238 | 238 | 240 | 178 | 313 | 409      | 475 | -       | -       | 912     | 300    | -           | -       | 174,6   |
| 65-250/220/P         | 65              | 65  | 118 | 238 | 238 | 240 | 178 | 313 | 409      | 475 | -       | -       | 912     | 300    | -           | -       | 183,6   |
| 80-160/75/P          | 80              | 80  | 114 | 215 | 205 | 191 | 168 | 256 | 359      | 420 | -       | 796     | 781     | 300    | -           | 118,6   | 113,5   |
| 80-160/92/P          | 80              | 80  | 114 | 215 | 205 | 191 | 168 | 256 | 359      | 420 | -       | 834     | 819     | 300    | -           | 124,6   | 119,5   |
| 80-160/110/P         | 80              | 80  | 114 | 215 | 205 | 191 | 168 | 256 | 359      | 420 | -       | 834     | 819     | 300    | -           | 127,6   | 122,5   |
| 80-160/150/P         | 80              | 80  | 114 | 215 | 205 | 240 | 168 | 313 | 408      | 420 | -       | -       | 923     | 300    | -           | -       | 167,6   |
| 80-160/185/P         | 80              | 80  | 114 | 215 | 205 | 240 | 168 | 313 | 408      | 420 | -       | -       | 923     | 300    | -           | -       | 178,6   |
| 100-160/110/P        | 100             | 100 | 140 | 260 | 240 | 191 | 179 | 256 | 359      | 500 | -       | 865     | 850     | 300    | -           | 137,6   | 132,5   |
| 100-160/150/P        | 100             | 100 | 140 | 260 | 240 | 240 | 179 | 313 | 408      | 500 | -       | -       | 954     | 300    | -           | -       | 177,6   |
| 100-160/185/P        | 100             | 100 | 140 | 260 | 240 | 240 | 179 | 313 | 408      | 500 | -       | -       | 954     | 300    | -           | -       | 188,6   |
| 100-160/220/P        | 100             | 100 | 140 | 260 | 240 | 240 | 179 | 313 | 408      | 500 | -       | -       | 954     | 300    | -           | -       | 197,6   |

NOTE: Pumps supplied with flanges according to EN 1092-2 as standard. For flanges dimensions see drawing.

LNEEH-HVL-40-100\_2p50-en\_a\_tld

**LNEEH 40, 50, 65, 80 100 SERIES**  
**DIMENSIONS AND WEIGHTS AT 50 Hz, 4 POLES**



## LNEEH 40, 50, 65, 80 100 SERIES

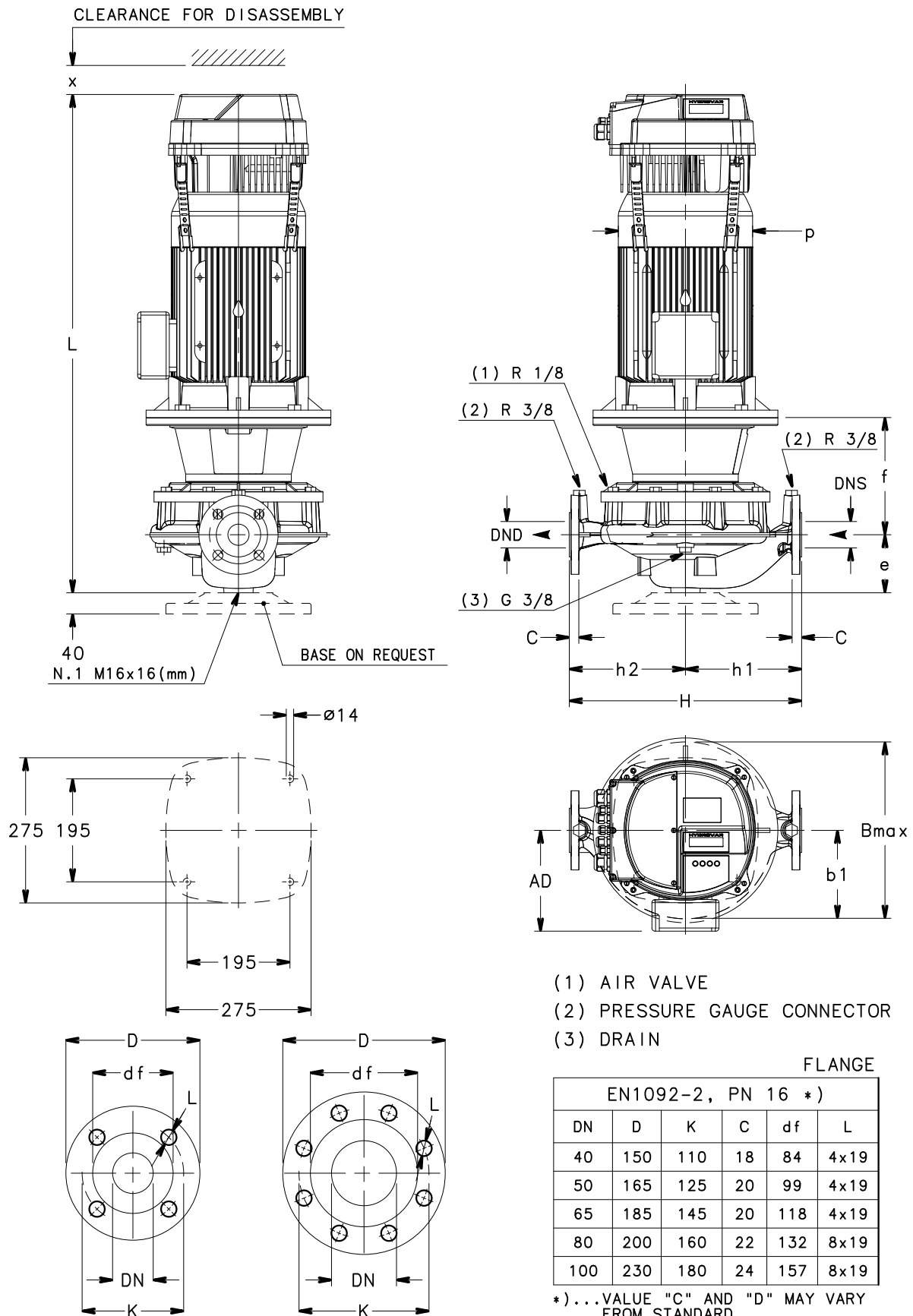
### DIMENSIONS AND WEIGHTS AT 50 Hz, 4 POLES

| PUMP TYPE<br>LNEEH.. | DIMENSIONS (mm) |     |     |     |     |     |     |     | B<br>max | H   | L       |         |         | x<br>≥ | WEIGHT (kg) |         |         |
|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|----------|-----|---------|---------|---------|--------|-------------|---------|---------|
|                      | DND             | DNS | e   | h1  | h2  | AD  | b1  | p   |          |     | /2      | /3      | /4      |        | /2          | /3      | /4      |
|                      |                 |     |     |     |     |     |     |     |          |     | 1~ 230V | 3~ 230V | 3~ 400V |        | 1~ 230V     | 3~ 230V | 3~ 400V |
| 40-160/05/S          | 40              | 40  | 100 | 160 | 160 | 129 | 128 | 155 | 249      | 320 | 643     | 643     | 643     | 300    | 44,6        | 44,6    | 44,6    |
| 40-160/07/X          | 40              | 40  | 100 | 160 | 160 | 128 | 128 | 159 | 248      | 320 | 611     | 611     | 611     | 300    | 47,6        | 47,6    | 47,6    |
| 40-200/05/S          | 40              | 40  | 110 | 220 | 220 | 129 | 168 | 155 | 336      | 440 | 643     | 643     | 643     | 300    | 52,6        | 52,6    | 52,6    |
| 40-200/07/X          | 40              | 40  | 110 | 220 | 220 | 128 | 168 | 159 | 336      | 440 | 611     | 611     | 611     | 300    | 55,6        | 55,6    | 55,6    |
| 40-200/11/P          | 40              | 40  | 110 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 678     | 678     | 678     | 300    | 61,6        | 61,6    | 61,6    |
| 40-250/15/P          | 40              | 40  | 110 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 678     | 678     | 678     | 300    | 65,6        | 65,6    | 65,6    |
| 40-250/22/P          | 40              | 40  | 110 | 220 | 220 | 168 | 168 | 214 | 336      | 440 | 702     | 702     | 702     | 300    | 75,6        | 75,6    | 75,6    |
| 50-125/05/S          | 50              | 50  | 116 | 180 | 160 | 129 | 128 | 155 | 247      | 340 | 649     | 649     | 649     | 300    | 39,6        | 39,6    | 39,6    |
| 50-160/05/S          | 50              | 50  | 116 | 180 | 160 | 129 | 128 | 155 | 247      | 340 | 649     | 649     | 649     | 300    | 39,6        | 39,6    | 39,6    |
| 50-160/07/X          | 50              | 50  | 116 | 180 | 160 | 128 | 128 | 159 | 246      | 340 | 617     | 617     | 617     | 300    | 42,6        | 42,6    | 42,6    |
| 50-160/11/P          | 50              | 50  | 116 | 180 | 160 | 134 | 128 | 174 | 252      | 340 | 684     | 684     | 684     | 300    | 50,6        | 50,6    | 50,6    |
| 50-200/11/P          | 50              | 50  | 111 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 679     | 679     | 679     | 300    | 64,6        | 64,6    | 64,6    |
| 50-200/15/P          | 50              | 50  | 111 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 679     | 679     | 679     | 300    | 68,6        | 68,6    | 68,6    |
| 50-250/15/P          | 50              | 50  | 111 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 679     | 679     | 679     | 300    | 68,6        | 68,6    | 68,6    |
| 50-250/22/P          | 50              | 50  | 111 | 220 | 220 | 168 | 168 | 214 | 336      | 440 | 703     | 703     | 703     | 300    | 78,6        | 78,6    | 78,6    |
| 50-250/30/P          | 50              | 50  | 111 | 220 | 220 | 168 | 168 | 214 | 336      | 440 | 749     | 749     | 734     | 300    | 87,5        | 87,5    | 82,6    |
| 65-125/05/S          | 65              | 65  | 105 | 190 | 170 | 129 | 148 | 155 | 296      | 360 | 663     | 663     | 663     | 300    | 51,6        | 51,6    | 51,6    |
| 65-125/07/X          | 65              | 65  | 105 | 190 | 170 | 128 | 148 | 159 | 296      | 360 | 631     | 631     | 631     | 300    | 54,6        | 54,6    | 54,6    |
| 65-125/11/P          | 65              | 65  | 105 | 190 | 170 | 134 | 148 | 174 | 296      | 360 | 698     | 698     | 698     | 300    | 60,6        | 60,6    | 60,6    |
| 65-160/11/P          | 65              | 65  | 105 | 190 | 170 | 134 | 148 | 174 | 296      | 360 | 698     | 698     | 698     | 300    | 60,6        | 60,6    | 60,6    |
| 65-160/15/P          | 65              | 65  | 105 | 190 | 170 | 134 | 148 | 174 | 296      | 360 | 698     | 698     | 698     | 300    | 64,6        | 64,6    | 64,6    |
| 65-200/15/P          | 65              | 65  | 118 | 238 | 238 | 134 | 178 | 174 | 347      | 475 | 686     | 686     | 686     | 300    | 72,6        | 72,6    | 72,6    |
| 65-200/22/P          | 65              | 65  | 118 | 238 | 238 | 168 | 178 | 214 | 347      | 475 | 710     | 710     | 710     | 300    | 82,6        | 82,6    | 82,6    |
| 65-250/22/P          | 65              | 65  | 118 | 238 | 238 | 168 | 178 | 214 | 347      | 475 | 710     | 710     | 710     | 300    | 82,6        | 82,6    | 82,6    |
| 65-250/30/P          | 65              | 65  | 118 | 238 | 238 | 168 | 178 | 214 | 347      | 475 | 756     | 756     | 741     | 300    | 91,5        | 91,5    | 86,6    |
| 65-250/40/P          | 65              | 65  | 118 | 238 | 238 | 168 | 178 | 214 | 347      | 475 | 785     | 785     | 770     | 300    | 110,5       | 110,5   | 105,6   |
| 80-160/15B/P         | 80              | 80  | 114 | 215 | 205 | 134 | 168 | 174 | 336      | 420 | 697     | 697     | 697     | 300    | 72,6        | 72,6    | 72,6    |
| 80-160/15/P          | 80              | 80  | 114 | 215 | 205 | 134 | 168 | 174 | 336      | 420 | 697     | 697     | 697     | 300    | 72,6        | 72,6    | 72,6    |
| 80-160/22/P          | 80              | 80  | 114 | 215 | 205 | 168 | 168 | 214 | 336      | 420 | 721     | 721     | 721     | 300    | 83,6        | 83,6    | 83,6    |
| 100-160/15/P         | 100             | 100 | 140 | 260 | 240 | 134 | 179 | 174 | 347      | 500 | 728     | 728     | 728     | 300    | 86,6        | 86,6    | 86,6    |
| 100-160/22/P         | 100             | 100 | 140 | 260 | 240 | 168 | 179 | 214 | 347      | 500 | 752     | 752     | 752     | 300    | 96,6        | 96,6    | 96,6    |
| 100-160/30/P         | 100             | 100 | 140 | 260 | 240 | 168 | 179 | 214 | 347      | 500 | 798     | 798     | 783     | 300    | 105,5       | 105,5   | 100,6   |

NOTE: Pumps supplied with flanges according to EN 1092-2 as standard. For flanges dimensions see drawing.

LNEEH-HVL-40-100\_4p50-en\_b\_td

**LNESH 40, 50, 65 SERIES  
DIMENSIONS AND WEIGHTS AT 50 Hz, 2 POLES**



## LNESH 40, 50, 65 SERIES

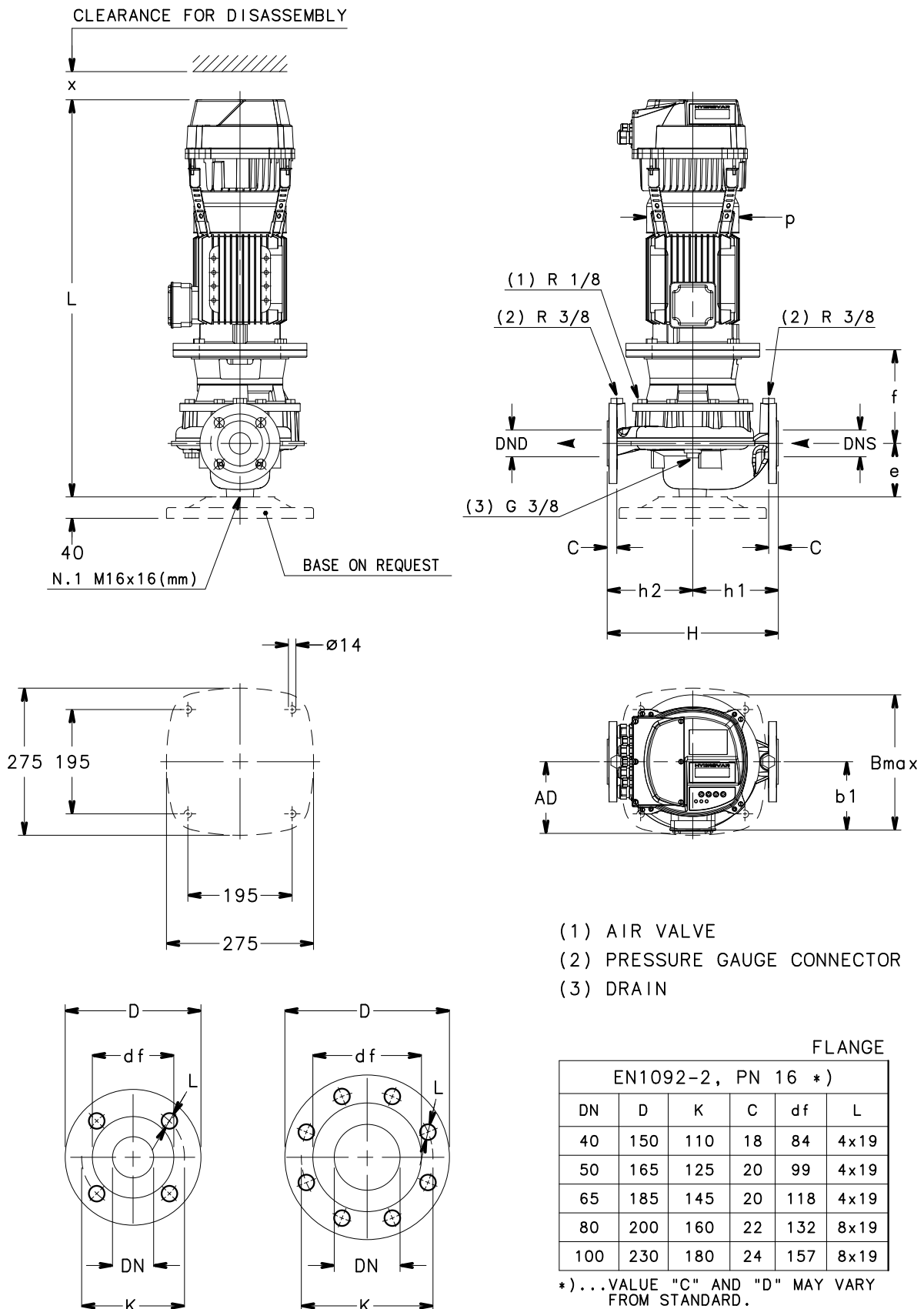
### DIMENSIONS AND WEIGHTS AT 50 Hz, 2 POLES

| PUMP TYPE<br>LNESH.. | DIMENSIONS (mm) |     |     |     |     |     |     |     |     | B<br>max | H   | L        |          |          | x<br>≥ | WEIGHT (kg) |          |          |
|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|----------|----------|----------|--------|-------------|----------|----------|
|                      | DND             | DNS | e   | f   | h1  | h2  | AD  | b1  | p   |          |     | /2       | /3       | /4       |        | /2          | /3       | /4       |
|                      |                 |     |     |     |     |     |     |     |     |          |     | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |        | 1 ~ 230V    | 3 ~ 230V | 3 ~ 400V |
| 40-125/11/S          | 40              | 40  | 100 | 165 | 160 | 160 | 129 | 128 | 155 | 249      | 320 | 698      | 698      | 698      | 300    | 38,6        | 38,6     | 38,6     |
| 40-125/15/S          | 40              | 40  | 100 | 165 | 160 | 160 | 129 | 128 | 155 | 249      | 320 | 698      | 698      | 698      | 300    | 42,6        | 42,6     | 42,6     |
| 40-125/22/P          | 40              | 40  | 100 | 165 | 160 | 160 | 134 | 128 | 174 | 254      | 320 | 733      | 733      | 733      | 300    | 49,6        | 49,6     | 49,6     |
| 40-125/30/P          | 40              | 40  | 100 | 175 | 160 | 160 | 134 | 128 | 174 | 254      | 320 | 758      | 758      | 743      | 300    | 59,5        | 59,5     | 54,6     |
| 40-160/30/P          | 40              | 40  | 100 | 175 | 160 | 160 | 134 | 128 | 174 | 254      | 320 | 758      | 758      | 743      | 300    | 59,5        | 59,5     | 54,6     |
| 40-160/40/P          | 40              | 40  | 100 | 175 | 160 | 160 | 154 | 128 | 197 | 274      | 320 | 779      | 779      | 764      | 300    | 62,5        | 62,5     | 57,6     |
| 40-160/55/P          | 40              | 40  | 100 | 202 | 160 | 160 | 168 | 128 | 214 | 288      | 320 | -        | 862      | 862      | 300    | -           | 75,5     | 75,5     |
| 40-200/40/P          | 40              | 40  | 110 | 165 | 220 | 220 | 154 | 168 | 197 | 336      | 440 | 779      | 779      | 764      | 300    | 79,5        | 79,5     | 74,6     |
| 40-200/55/P          | 40              | 40  | 110 | 192 | 220 | 220 | 168 | 168 | 214 | 336      | 440 | -        | 862      | 862      | 300    | -           | 92,5     | 92,5     |
| 40-200/75/P          | 40              | 40  | 110 | 192 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -        | 869      | 854      | 300    | -           | 116,6    | 111,5    |
| 40-250/110/P         | 40              | 40  | 110 | 222 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -        | 960      | 945      | 300    | -           | 133,6    | 128,5    |
| 40-250/150/P         | 40              | 40  | 110 | 222 | 220 | 220 | 240 | 168 | 313 | 408      | 440 | -        | -        | 1026     | 300    | -           | -        | 166,6    |
| 50-125/15/S          | 50              | 50  | 116 | 155 | 180 | 160 | 129 | 128 | 155 | 247      | 340 | 704      | 704      | 704      | 300    | 46,6        | 46,6     | 46,6     |
| 50-125/22/P          | 50              | 50  | 116 | 155 | 180 | 160 | 134 | 128 | 174 | 252      | 340 | 739      | 739      | 739      | 300    | 53,6        | 53,6     | 53,6     |
| 50-125/30/P          | 50              | 50  | 116 | 165 | 180 | 160 | 134 | 128 | 174 | 252      | 340 | 764      | 764      | 749      | 300    | 62,5        | 62,5     | 57,6     |
| 50-125/40/P          | 50              | 50  | 116 | 165 | 180 | 160 | 154 | 128 | 197 | 272      | 340 | 785      | 785      | 770      | 300    | 65,5        | 65,5     | 60,6     |
| 50-160/40/P          | 50              | 50  | 116 | 165 | 180 | 160 | 154 | 128 | 197 | 272      | 340 | 785      | 785      | 770      | 300    | 65,5        | 65,5     | 60,6     |
| 50-160/55/P          | 50              | 50  | 116 | 192 | 180 | 160 | 168 | 128 | 214 | 286      | 340 | -        | 868      | 868      | 300    | -           | 75,5     | 75,5     |
| 50-160/75/P          | 50              | 50  | 116 | 192 | 180 | 160 | 191 | 128 | 256 | 319      | 340 | -        | 875      | 860      | 300    | -           | 99,6     | 94,5     |
| 50-200/75/P          | 50              | 50  | 111 | 192 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -        | 870      | 855      | 300    | -           | 119,6    | 114,5    |
| 50-200/110/P         | 50              | 50  | 111 | 222 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -        | 961      | 946      | 300    | -           | 136,6    | 131,5    |
| 50-250/110/P         | 50              | 50  | 111 | 222 | 220 | 220 | 191 | 168 | 256 | 359      | 440 | -        | 961      | 946      | 300    | -           | 136,6    | 131,5    |
| 50-250/150/P         | 50              | 50  | 111 | 222 | 220 | 220 | 240 | 168 | 313 | 408      | 440 | -        | -        | 1027     | 300    | -           | -        | 169,6    |
| 50-250/185/P         | 50              | 50  | 111 | 222 | 220 | 220 | 240 | 168 | 313 | 408      | 440 | -        | -        | 1027     | 300    | -           | -        | 178,6    |
| 50-250/220/P         | 50              | 50  | 111 | 222 | 220 | 220 | 240 | 168 | 313 | 408      | 440 | -        | -        | 1027     | 300    | -           | -        | 189,6    |
| 65-125/30/P          | 65              | 65  | 105 | 190 | 190 | 170 | 134 | 148 | 174 | 296      | 360 | 778      | 778      | 763      | 300    | 70,5        | 70,5     | 65,6     |
| 65-125/40/P          | 65              | 65  | 105 | 190 | 190 | 170 | 154 | 148 | 197 | 302      | 360 | 799      | 799      | 784      | 300    | 73,5        | 73,5     | 68,6     |
| 65-125/55/P          | 65              | 65  | 105 | 217 | 190 | 170 | 168 | 148 | 214 | 316      | 360 | -        | 882      | 882      | 300    | -           | 82,5     | 82,5     |
| 65-125/75/P          | 65              | 65  | 105 | 217 | 190 | 170 | 191 | 148 | 256 | 339      | 360 | -        | 889      | 874      | 300    | -           | 110,6    | 105,5    |
| 65-160/75/P          | 65              | 65  | 105 | 217 | 190 | 170 | 191 | 148 | 256 | 339      | 360 | -        | 889      | 874      | 300    | -           | 111,6    | 106,5    |
| 65-160/110/P         | 65              | 65  | 105 | 247 | 190 | 170 | 191 | 148 | 256 | 339      | 360 | -        | 980      | 965      | 300    | -           | 132,6    | 127,5    |
| 65-200/110/P         | 65              | 65  | 118 | 222 | 238 | 238 | 191 | 178 | 256 | 360      | 475 | -        | 968      | 953      | 300    | -           | 140,6    | 135,5    |
| 65-200/150/P         | 65              | 65  | 118 | 222 | 238 | 238 | 240 | 178 | 313 | 409      | 475 | -        | -        | 1034     | 300    | -           | -        | 173,6    |
| 65-200/185/P         | 65              | 65  | 118 | 222 | 238 | 238 | 240 | 178 | 313 | 409      | 475 | -        | -        | 1034     | 300    | -           | -        | 182,6    |
| 65-250/185/P         | 65              | 65  | 118 | 222 | 238 | 238 | 240 | 178 | 313 | 409      | 475 | -        | -        | 1034     | 300    | -           | -        | 182,6    |
| 65-250/220/P         | 65              | 65  | 118 | 222 | 238 | 238 | 240 | 178 | 313 | 409      | 475 | -        | -        | 1034     | 300    | -           | -        | 193,6    |

NOTE: Pumps supplied with flanges according to EN 1092-2 as standard. For flanges dimensions see drawing.

LNESH-HVL-40-50-65\_2p50-en\_a\_td

**LNESH 40, 50, 65 SERIES  
DIMENSIONS AND WEIGHTS AT 50 Hz, 4 POLES**





## LNESH 40, 50, 65 SERIES

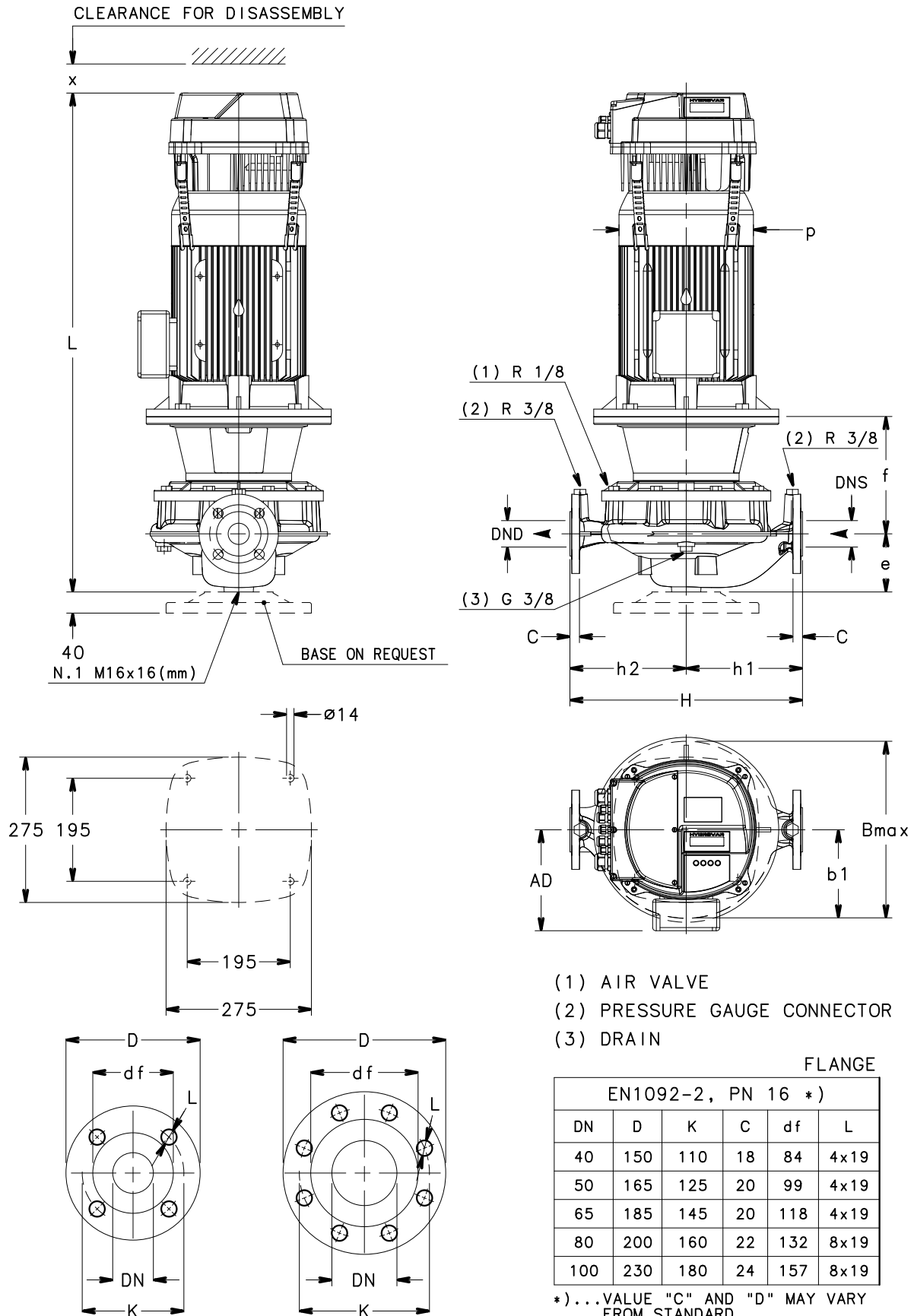
### DIMENSIONS AND WEIGHTS AT 50 Hz, 4 POLES

| PUMP TYPE<br>LNESH.. | DIMENSIONS (mm) |     |     |     |     |     |     |     |     | B<br>max | H   | L   |     |     | x<br>≥ | WEIGHT (kg) |          |          |
|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|--------|-------------|----------|----------|
|                      | DND             | DNS | e   | f   | h1  | h2  | AD  | b1  | p   |          |     | /2  | /3  | /4  |        | 1 ~ 230V    | 3 ~ 230V | 3 ~ 400V |
|                      |                 |     |     |     |     |     |     |     |     |          |     |     |     |     |        |             |          |          |
| 40-160/05/S          | 40              | 40  | 100 | 165 | 160 | 160 | 129 | 128 | 155 | 249      | 320 | 698 | 698 | 698 | 300    | 38,6        | 38,6     | 38,6     |
| 40-160/07/X          | 40              | 40  | 100 | 165 | 160 | 160 | 128 | 128 | 159 | 248      | 320 | 666 | 666 | 666 | 300    | 41,6        | 41,6     | 41,6     |
| 40-200/05/S          | 40              | 40  | 110 | 155 | 220 | 220 | 129 | 168 | 155 | 336      | 440 | 698 | 698 | 698 | 300    | 55,6        | 55,6     | 55,6     |
| 40-200/07/X          | 40              | 40  | 110 | 155 | 220 | 220 | 128 | 168 | 159 | 336      | 440 | 666 | 666 | 666 | 300    | 58,6        | 58,6     | 58,6     |
| 40-200/11/P          | 40              | 40  | 110 | 155 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 733 | 733 | 733 | 300    | 64,6        | 64,6     | 64,6     |
| 40-250/11/P          | 40              | 40  | 110 | 155 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 733 | 733 | 733 | 300    | 64,6        | 64,6     | 64,6     |
| 40-250/15/P          | 40              | 40  | 110 | 155 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 733 | 733 | 733 | 300    | 68,6        | 68,6     | 68,6     |
| 40-250/22/P          | 40              | 40  | 110 | 165 | 220 | 220 | 168 | 168 | 214 | 336      | 440 | 767 | 767 | 767 | 300    | 79,6        | 79,6     | 79,6     |
| 50-125/05/S          | 50              | 50  | 116 | 155 | 180 | 160 | 129 | 128 | 155 | 247      | 340 | 704 | 704 | 704 | 300    | 42,6        | 42,6     | 42,6     |
| 50-160/05/S          | 50              | 50  | 116 | 155 | 180 | 160 | 129 | 128 | 155 | 247      | 340 | 704 | 704 | 704 | 300    | 42,6        | 42,6     | 42,6     |
| 50-160/07/X          | 50              | 50  | 116 | 155 | 180 | 160 | 128 | 128 | 159 | 246      | 340 | 672 | 672 | 672 | 300    | 45,6        | 45,6     | 45,6     |
| 50-160/11/P          | 50              | 50  | 116 | 155 | 180 | 160 | 134 | 128 | 174 | 252      | 340 | 739 | 739 | 739 | 300    | 51,6        | 51,6     | 51,6     |
| 50-200/11/P          | 50              | 50  | 111 | 155 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 734 | 734 | 734 | 300    | 67,6        | 67,6     | 67,6     |
| 50-200/15/P          | 50              | 50  | 111 | 155 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 734 | 734 | 734 | 300    | 71,6        | 71,6     | 71,6     |
| 50-250/15/P          | 50              | 50  | 111 | 155 | 220 | 220 | 134 | 168 | 174 | 336      | 440 | 734 | 734 | 734 | 300    | 71,6        | 71,6     | 71,6     |
| 50-250/22/P          | 50              | 50  | 111 | 165 | 220 | 220 | 168 | 168 | 214 | 336      | 440 | 768 | 768 | 768 | 300    | 82,6        | 82,6     | 82,6     |
| 50-250/30/P          | 50              | 50  | 111 | 165 | 220 | 220 | 168 | 168 | 214 | 336      | 440 | 814 | 814 | 799 | 300    | 91,5        | 91,5     | 86,6     |
| 65-125/05/S          | 65              | 65  | 105 | 180 | 190 | 170 | 129 | 148 | 155 | 296      | 360 | 718 | 718 | 718 | 300    | 54,6        | 54,6     | 54,6     |
| 65-125/07/X          | 65              | 65  | 105 | 180 | 190 | 170 | 128 | 148 | 159 | 296      | 360 | 686 | 686 | 686 | 300    | 57,6        | 57,6     | 57,6     |
| 65-125/11/P          | 65              | 65  | 105 | 180 | 190 | 170 | 134 | 148 | 174 | 296      | 360 | 753 | 753 | 753 | 300    | 63,6        | 63,6     | 63,6     |
| 65-160/11/P          | 65              | 65  | 105 | 180 | 190 | 170 | 134 | 148 | 174 | 296      | 360 | 753 | 753 | 753 | 300    | 63,6        | 63,6     | 63,6     |
| 65-160/15/P          | 65              | 65  | 105 | 180 | 190 | 170 | 134 | 148 | 174 | 296      | 360 | 753 | 753 | 753 | 300    | 67,6        | 67,6     | 67,6     |
| 65-200/15/P          | 65              | 65  | 118 | 155 | 238 | 238 | 134 | 178 | 174 | 347      | 475 | 741 | 741 | 741 | 300    | 75,6        | 75,6     | 75,6     |
| 65-200/22/P          | 65              | 65  | 118 | 165 | 238 | 238 | 168 | 178 | 214 | 347      | 475 | 775 | 775 | 775 | 300    | 86,6        | 86,6     | 86,6     |
| 65-250/22/P          | 65              | 65  | 118 | 165 | 238 | 238 | 168 | 178 | 214 | 347      | 475 | 775 | 775 | 775 | 300    | 86,6        | 86,6     | 86,6     |
| 65-250/30/P          | 65              | 65  | 118 | 165 | 238 | 238 | 168 | 178 | 214 | 347      | 475 | 821 | 821 | 806 | 300    | 95,5        | 95,5     | 90,6     |
| 65-250/40/P          | 65              | 65  | 118 | 165 | 238 | 238 | 168 | 178 | 214 | 347      | 475 | 850 | 850 | 835 | 300    | 114,5       | 114,5    | 109,6    |

NOTE: Pumps supplied with flanges according to EN 1092-2 as standard. For flanges dimensions see drawing.

LNESH-HVL-40-50-65\_4p50-en\_b\_td

**LNESH 80, 100 SERIES**  
**DIMENSIONS AND WEIGHTS AT 50 Hz, 2 POLES**



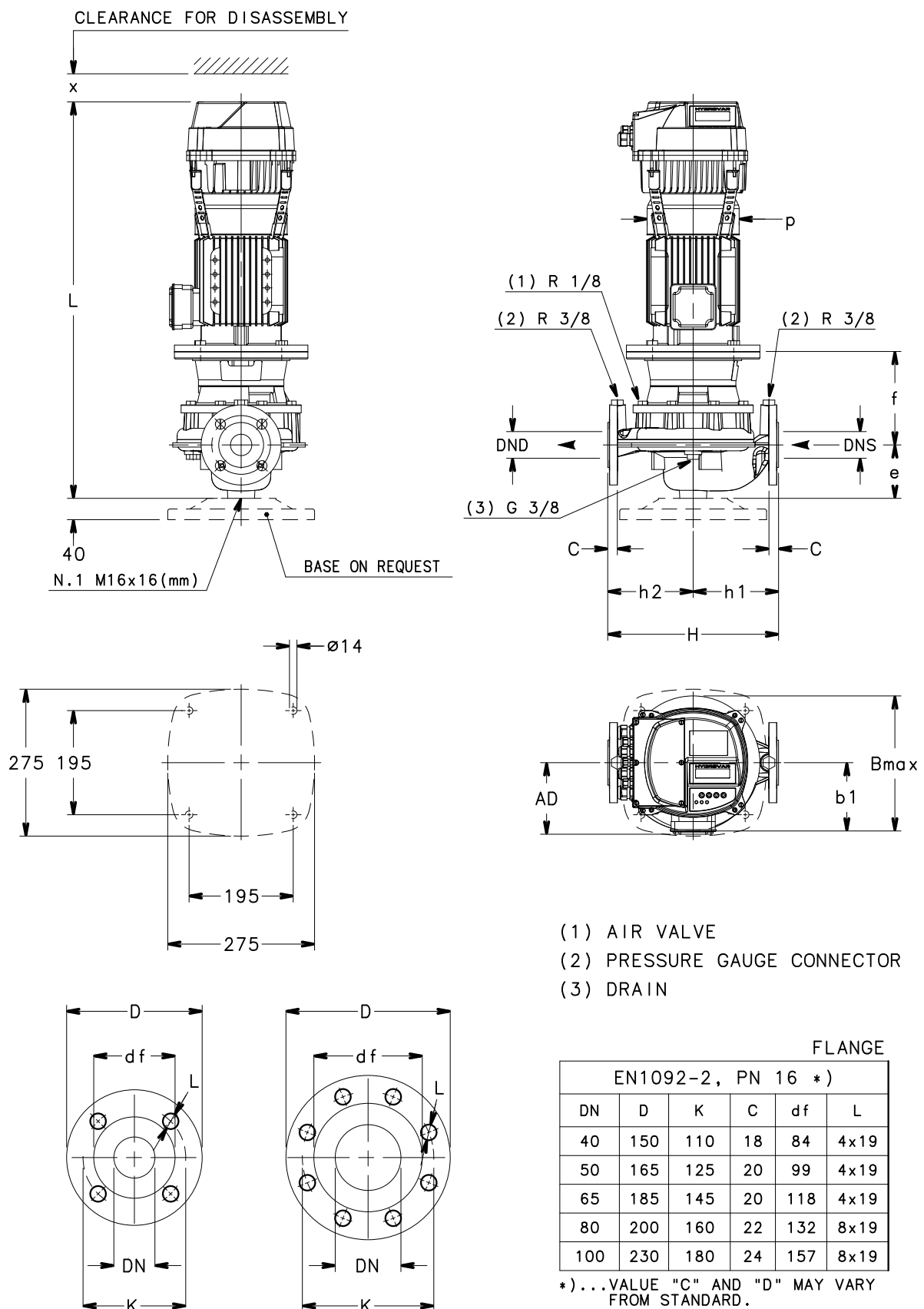
## LNESH 80, 100 SERIES DIMENSIONS AND WEIGHTS AT 50 Hz, 2 POLES

| PUMP TYPE<br>LNESH.. | DIMENSIONS (mm) |     |     |     |     |     |     |     |     | B<br>max | H   | L        |          |          | x<br>≧ | WEIGHT (kg) |          |          |
|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|----------|----------|----------|--------|-------------|----------|----------|
|                      | DND             | DNS | e   | f   | h1  | h2  | AD  | b1  | p   |          |     | /2       | /3       | /4       |        | 1 ~ 230V    | 3 ~ 230V | 3 ~ 400V |
|                      |                 |     |     |     |     |     |     |     |     |          |     | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |        |             |          |          |
| 80-160/75/P          | 80              | 80  | 114 | 207 | 215 | 205 | 191 | 168 | 256 | 359      | 420 | -        | 888      | 873      | 300    | -           | 123,6    | 118,5    |
| 80-160/110/P         | 80              | 80  | 114 | 237 | 215 | 205 | 191 | 168 | 256 | 359      | 420 | -        | 979      | 964      | 300    | -           | 144,6    | 139,5    |
| 80-160/150/P         | 80              | 80  | 114 | 237 | 215 | 205 | 240 | 168 | 313 | 408      | 420 | -        | -        | 1045     | 300    | -           | -        | 177,6    |
| 80-160/185/P         | 80              | 80  | 114 | 237 | 215 | 205 | 240 | 168 | 313 | 408      | 420 | -        | -        | 1045     | 300    | -           | -        | 186,6    |
| 80-200/185/P         | 80              | 80  | 132 | 240 | 265 | 235 | 240 | 185 | 313 | 408      | 500 | -        | -        | 1066     | 300    | -           | -        | 184,6    |
| 80-200/220/P         | 80              | 80  | 132 | 240 | 265 | 235 | 240 | 185 | 313 | 408      | 500 | -        | -        | 1066     | 300    | -           | -        | 195,6    |
| 100-160/110/P        | 100             | 100 | 140 | 240 | 260 | 240 | 191 | 179 | 256 | 359      | 500 | -        | 1010     | 995      | 300    | -           | 154,6    | 149,5    |
| 100-160/150/P        | 100             | 100 | 140 | 240 | 260 | 240 | 240 | 179 | 313 | 408      | 500 | -        | -        | 1076     | 300    | -           | -        | 187,6    |
| 100-160/185/P        | 100             | 100 | 140 | 240 | 260 | 240 | 240 | 179 | 313 | 408      | 500 | -        | -        | 1076     | 300    | -           | -        | 196,6    |
| 100-160/220/P        | 100             | 100 | 140 | 240 | 260 | 240 | 240 | 179 | 313 | 408      | 500 | -        | -        | 1076     | 300    | -           | -        | 207,6    |
| 100-200/220/P        | 100             | 100 | 175 | 240 | 300 | 250 | 240 | 201 | 313 | 410      | 550 | -        | -        | 1109     | 300    | -           | -        | 211,6    |

NOTE: Pumps supplied with flanges according to EN 1092-2 as standard. For flanges dimensions see drawing.

LNESH-HVL-80-100\_2p50-en\_a\_td

**LNESH 80, 100 SERIES**  
**DIMENSIONS AND WEIGHTS AT 50 Hz, 4 POLES**



## LNESH 80, 100 SERIES

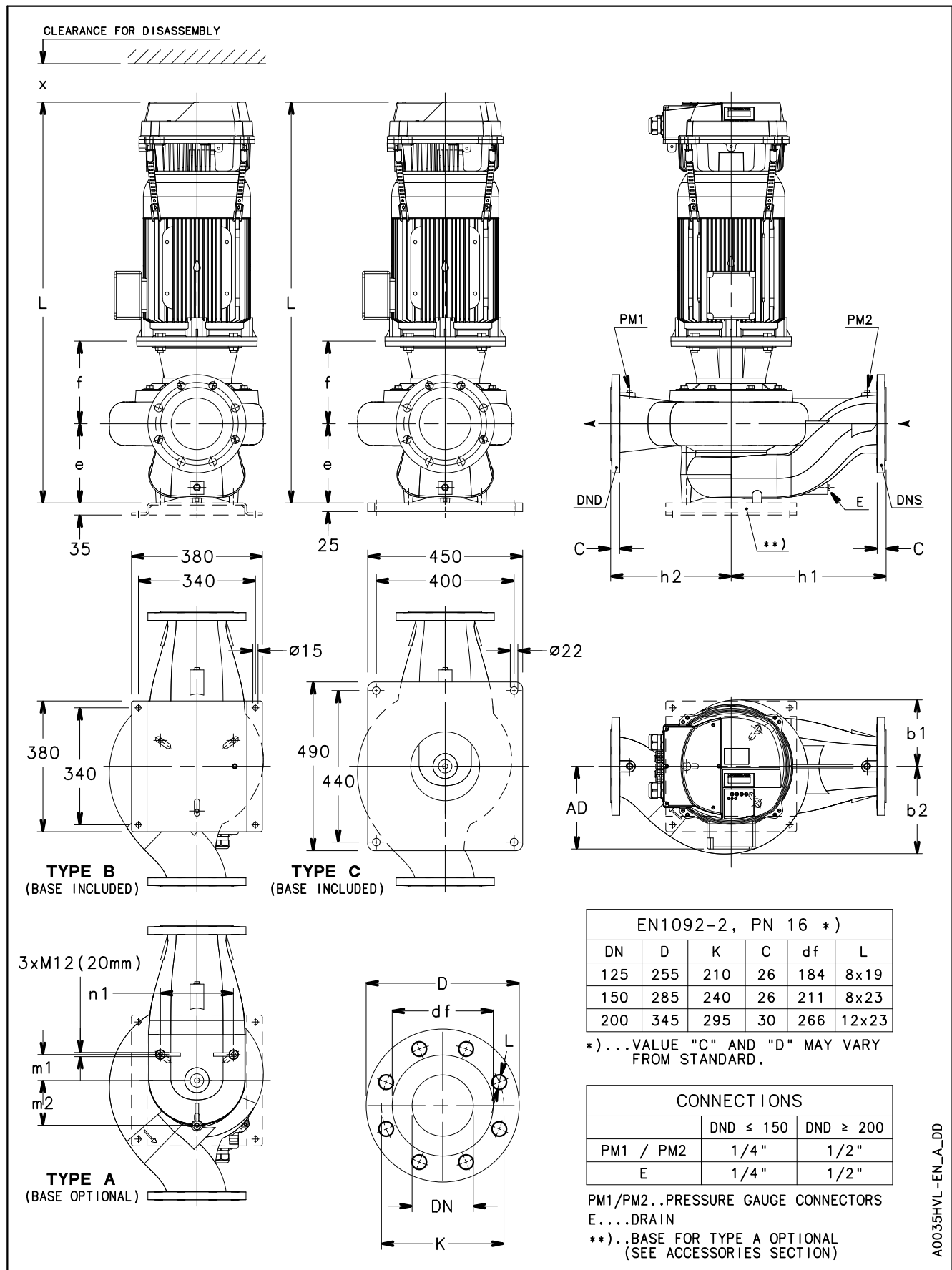
### DIMENSIONS AND WEIGHTS AT 50 Hz, 4 POLES

| PUMP TYPE<br>LNESH.. | DIMENSIONS (mm) |     |     |     |     |     |     |     |     | B<br>max | H   | L        |          |          | x<br>≅ | WEIGHT (kg) |          |          |
|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|----------|----------|----------|--------|-------------|----------|----------|
|                      | DND             | DNS | e   | f   | h1  | h2  | AD  | b1  | p   |          |     | /2       | /3       | /4       |        | /2          | /3       | /4       |
|                      |                 |     |     |     |     |     |     |     |     |          |     | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |        | 1 ~ 230V    | 3 ~ 230V | 3 ~ 400V |
| 80-160/11A/P         | 80              | 80  | 114 | 170 | 215 | 205 | 134 | 168 | 174 | 336      | 420 | 752      | 752      | 752      | 300    | 73,6        | 73,6     | 73,6     |
| 80-160/11/P          | 80              | 80  | 114 | 170 | 215 | 205 | 134 | 168 | 174 | 336      | 420 | 752      | 752      | 752      | 300    | 73,6        | 73,6     | 73,6     |
| 80-160/15/P          | 80              | 80  | 114 | 170 | 215 | 205 | 134 | 168 | 174 | 336      | 420 | 752      | 752      | 752      | 300    | 77,6        | 77,6     | 77,6     |
| 80-160/22/P          | 80              | 80  | 114 | 180 | 215 | 205 | 168 | 168 | 214 | 336      | 420 | 786      | 786      | 786      | 300    | 90,6        | 90,6     | 90,6     |
| 80-200/22/P          | 80              | 80  | 132 | 183 | 265 | 235 | 168 | 185 | 214 | 353      | 500 | 807      | 807      | 807      | 300    | 88,6        | 88,6     | 88,6     |
| 80-200/30/P          | 80              | 80  | 132 | 183 | 265 | 235 | 168 | 185 | 214 | 353      | 500 | 853      | 853      | 838      | 300    | 97,5        | 97,5     | 92,6     |
| 80-200/40/P          | 80              | 80  | 132 | 183 | 265 | 235 | 168 | 185 | 214 | 353      | 500 | 882      | 882      | 867      | 300    | 116,5       | 116,5    | 111,6    |
| 80-250/55/P          | 80              | 80  | 132 | 210 | 265 | 235 | 191 | 185 | 256 | 359      | 500 | -        | 932      | 932      | 300    | -           | 127,5    | 127,5    |
| 80-250/75/P          | 80              | 80  | 132 | 210 | 265 | 235 | 191 | 185 | 256 | 359      | 500 | -        | 947      | 932      | 300    | -           | 136,6    | 131,5    |
| 80-315/75/P          | 80              | 80  | 140 | 215 | 325 | 295 | 191 | 229 | 256 | 439      | 620 | -        | 960      | 945      | 300    | -           | 174,6    | 169,5    |
| 80-315/110/P         | 80              | 80  | 140 | 245 | 325 | 295 | 240 | 229 | 256 | 439      | 620 | -        | 1079     | 1064     | 300    | -           | 238,6    | 233,5    |
| 80-315/150/P         | 80              | 80  | 140 | 245 | 325 | 295 | 240 | 229 | 256 | 439      | 620 | -        | -        | 1079     | 300    | -           | -        | 242,6    |
| 100-160/15/P         | 100             | 100 | 140 | 175 | 260 | 240 | 134 | 179 | 174 | 347      | 500 | 783      | 783      | 783      | 300    | 89,6        | 89,6     | 89,6     |
| 100-160/22/P         | 100             | 100 | 140 | 185 | 260 | 240 | 168 | 179 | 214 | 347      | 500 | 817      | 817      | 817      | 300    | 100,6       | 100,6    | 100,6    |
| 100-160/30/P         | 100             | 100 | 140 | 185 | 260 | 240 | 168 | 179 | 214 | 347      | 500 | 863      | 863      | 848      | 300    | 109,5       | 109,5    | 104,6    |
| 100-200/30/P         | 100             | 100 | 175 | 183 | 300 | 250 | 134 | 201 | 174 | 371      | 550 | 896      | 896      | 881      | 300    | 113,5       | 113,5    | 108,6    |
| 100-200/40/P         | 100             | 100 | 175 | 183 | 300 | 250 | 168 | 201 | 214 | 371      | 550 | 925      | 925      | 910      | 300    | 132,5       | 132,5    | 127,6    |
| 100-200/55/P         | 100             | 100 | 175 | 210 | 300 | 250 | 168 | 201 | 214 | 371      | 550 | -        | 975      | 975      | 300    | -           | 143,5    | 143,5    |
| 100-250/55/P         | 100             | 100 | 175 | 210 | 300 | 250 | 191 | 201 | 256 | 371      | 550 | -        | 975      | 975      | 300    | -           | 143,5    | 143,5    |
| 100-250/75/P         | 100             | 100 | 175 | 210 | 300 | 250 | 191 | 201 | 256 | 371      | 550 | -        | 990      | 975      | 300    | -           | 152,6    | 147,5    |
| 100-250/110/P        | 100             | 100 | 175 | 240 | 300 | 250 | 240 | 201 | 313 | 410      | 550 | -        | 1109     | 1094     | 300    | -           | 216,6    | 211,5    |
| 100-315/110/P        | 100             | 100 | 175 | 240 | 360 | 310 | 240 | 244 | 256 | 451      | 670 | -        | 1109     | 1094     | 300    | -           | 253,6    | 248,5    |
| 100-315/150/P        | 100             | 100 | 175 | 240 | 360 | 310 | 240 | 244 | 256 | 451      | 670 | -        | -        | 1109     | 300    | -           | -        | 257,6    |
| 100-315/185/W        | 100             | 100 | 175 | 240 | 360 | 310 | 279 | 244 | 360 | 451      | 670 | -        | -        | 1169     | 300    | -           | -        | 296,6    |
| 100-315/220/W        | 100             | 100 | 175 | 240 | 360 | 310 | 279 | 244 | 360 | 451      | 670 | -        | -        | 1207     | 300    | -           | -        | 313,6    |

NOTE: Pumps supplied with flanges according to EN 1092-2 as standard. For flanges dimensions see drawing.

LNESH-HVL-80-100\_4p50-en\_b\_td

**LNESH 125, 150, 200 SERIES**  
**DIMENSIONS AND WEIGHTS AT 50 Hz, 4 POLES**



## LNESH 125, 150, 200 SERIES

### DIMENSIONS AND WEIGHTS AT 50 Hz, 4 POLES

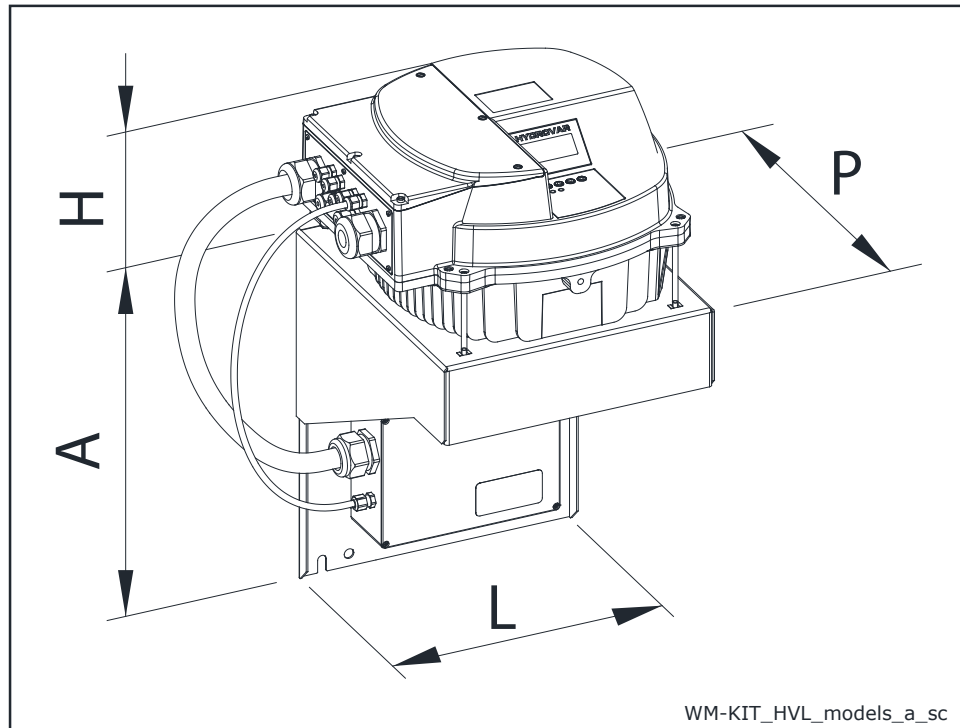
| PUMP TYPE<br>LNESH.. | TYPE | DIMENSIONS (mm) |     |     |     |     |     |    |     |     |     |     |     | L        |          |          | x<br>≥ | WEIGHT (kg) |          |          |
|----------------------|------|-----------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----------|----------|----------|--------|-------------|----------|----------|
|                      |      | DND             | DNS | e   | f   | h1  | h2  | m1 | m2  | n1  | b1  | b2  | AD  | /2       | /3       | /4       |        | /2          | /3       | /4       |
|                      |      |                 |     |     |     |     |     |    |     |     |     |     |     | 1 ~ 230V | 3 ~ 230V | 3 ~ 400V |        | 1 ~ 230V    | 3 ~ 230V | 3 ~ 400V |
| 125-160/22/P         | A    | 125             | 125 | 215 | 183 | 340 | 280 | 60 | 105 | 172 | 166 | 212 | 168 | 890      | 890      | 890      | 300    | 120,6       | 120,6    | 120,6    |
| 125-160/30/P         | A    | 125             | 125 | 215 | 183 | 340 | 280 | 60 | 105 | 172 | 166 | 212 | 168 | 936      | 936      | 921      | 300    | 132,5       | 132,5    | 127,6    |
| 125-160/40/P         | A    | 125             | 125 | 215 | 183 | 340 | 280 | 60 | 105 | 172 | 166 | 212 | 168 | 965      | 965      | 950      | 300    | 150,5       | 150,5    | 145,6    |
| 125-200/55/P         | A    | 125             | 125 | 215 | 210 | 340 | 280 | 60 | 105 | 172 | 166 | 212 | 191 | -        | 1015     | 1015     | 300    | -           | 155,5    | 155,5    |
| 125-200/75/P         | A    | 125             | 125 | 215 | 210 | 340 | 280 | 60 | 105 | 172 | 166 | 212 | 191 | -        | 1030     | 1015     | 300    | -           | 165,6    | 160,5    |
| 125-250/75/P         | A    | 125             | 125 | 230 | 215 | 450 | 350 | 63 | 110 | 180 | 223 | 275 | 191 | -        | 1050     | 1035     | 300    | -           | 200,6    | 195,5    |
| 125-250/110/P        | B    | 125             | 125 | 230 | 245 | 450 | 350 | 63 | 110 | 180 | 223 | 275 | 240 | -        | 1169     | 1154     | 300    | -           | 272,6    | 267,5    |
| 125-315/150/P        | B    | 125             | 125 | 230 | 245 | 450 | 350 | 63 | 110 | 180 | 223 | 275 | 240 | -        | -        | 1169     | 300    | -           | -        | 293,6    |
| 125-315/185/W        | B    | 125             | 125 | 230 | 245 | 450 | 350 | 63 | 110 | 180 | 223 | 275 | 279 | -        | -        | 1229     | 300    | -           | -        | 332,6    |
| 125-315/220/W        | B    | 125             | 125 | 230 | 245 | 450 | 350 | 63 | 110 | 180 | 223 | 275 | 279 | -        | -        | 1267     | 300    | -           | -        | 349,6    |
| 150-200/55/P         | A    | 150             | 150 | 230 | 225 | 450 | 350 | 75 | 130 | 212 | 182 | 253 | 191 | -        | 1045     | 1045     | 300    | -           | 188,5    | 188,5    |
| 150-200/75/P         | A    | 150             | 150 | 230 | 225 | 450 | 350 | 75 | 130 | 212 | 182 | 253 | 191 | -        | 1060     | 1045     | 300    | -           | 198,6    | 193,5    |
| 150-200/110/P        | B    | 150             | 150 | 230 | 255 | 450 | 350 | 75 | 130 | 212 | 182 | 253 | 240 | -        | 1179     | 1164     | 300    | -           | 270,6    | 265,5    |
| 150-250/110/P        | B    | 150             | 150 | 230 | 240 | 450 | 350 | 75 | 130 | 212 | 193 | 255 | 240 | -        | 1164     | 1149     | 300    | -           | 276,6    | 271,5    |
| 150-250/150/P        | B    | 150             | 150 | 230 | 240 | 450 | 350 | 75 | 130 | 212 | 193 | 255 | 240 | -        | -        | 1164     | 300    | -           | -        | 280,6    |
| 150-315/185/W        | B    | 150             | 150 | 230 | 254 | 450 | 350 | 78 | 135 | 222 | 215 | 257 | 279 | -        | -        | 1238     | 300    | -           | -        | 338,6    |
| 150-315/220/W        | B    | 150             | 150 | 230 | 254 | 450 | 350 | 78 | 135 | 222 | 215 | 257 | 279 | -        | -        | 1276     | 300    | -           | -        | 355,6    |
| 200-250/150/W        | C    | 200             | 200 | 308 | 254 | 475 | 355 | 73 | 145 | 250 | 247 | 305 | 240 | -        | -        | 1256     | 300    | -           | -        | 375,6    |
| 200-250/185/W        | C    | 200             | 200 | 308 | 254 | 475 | 355 | 73 | 145 | 250 | 247 | 305 | 279 | -        | -        | 1316     | 300    | -           | -        | 414,6    |
| 200-250/220/W        | C    | 200             | 200 | 308 | 254 | 475 | 355 | 73 | 145 | 250 | 247 | 305 | 279 | -        | -        | 1354     | 300    | -           | -        | 431,6    |

NOTE: Pumps supplied with flanges according to EN 1092-2 as standard. For flanges dimensions see drawing.

LNESH-HVL-125-200\_4p50-en\_b\_td

## HYDROVAR HVL (WALL MOUNTING KIT) DIMENSIONS AND WEIGHTS

As an option a HYDROVAR wall mounting kit is also available, this is used where mounting on the pump unit is impossible or where you would like the controls in another location, these are available for the new generation HYDROVAR HVL 2.015-4.220 (22 kW). The speed of the cooling fan modulates with the HYDROVAR usage which optimizes energy consumption and also reduces noise.



| WM KIT<br>TYPE   | kW   | WM KIT<br>POWER SUPPLY | HVL<br>SIZE | DIMENSIONS (mm) |     |     |     | WEIGHT (kg) |        |
|------------------|------|------------------------|-------------|-----------------|-----|-----|-----|-------------|--------|
|                  |      |                        |             | A               | H   | L   | P   | HVL         | WM KIT |
| WM KIT HVL 2.015 | 1,5  | 1~ 230V                | A           | 220             | 170 | 202 | 232 | 5,6         | 2,6    |
| WM KIT HVL 2.022 | 2,2  |                        |             | 220             | 170 | 202 | 232 | 5,6         | 2,6    |
| WM KIT HVL 2.030 | 3    |                        | B           | 240             | 175 | 258 | 290 | 10,5        | 8,2    |
| WM KIT HVL 2.040 | 4    |                        |             | 320             | 175 | 288 | 305 | 10,5        | 5,4    |
| WM KIT HVL 3.015 | 1,5  | 3~ 230V                | A           | 220             | 170 | 202 | 232 | 5,6         | 2,6    |
| WM KIT HVL 3.022 | 2,2  |                        |             | 220             | 170 | 202 | 232 | 5,6         | 2,6    |
| WM KIT HVL 3.030 | 3    |                        | B           | 240             | 175 | 258 | 290 | 10,5        | 8,2    |
| WM KIT HVL 3.040 | 4    |                        |             | 240             | 175 | 258 | 290 | 10,5        | 8,2    |
| WM KIT HVL 3.055 | 5,5  |                        |             | 240             | 175 | 258 | 290 | 10,5        | 8,2    |
| WM KIT HVL 3.075 | 7,5  |                        | C           | 400             | 200 | 325 | 365 | 15,6        | 11,6   |
| WM KIT HVL 3.110 | 11   |                        |             | 400             | 200 | 325 | 365 | 15,6        | 11,6   |
| WM KIT HVL 4.015 | 1,5  | 3~ 400V                | A           | 240             | 170 | 258 | 290 | 5,6         | 8,2    |
| WM KIT HVL 4.022 | 2,2  |                        |             | 240             | 170 | 258 | 290 | 5,6         | 8,2    |
| WM KIT HVL 4.030 | 3    |                        |             | 240             | 170 | 258 | 290 | 5,6         | 8,2    |
| WM KIT HVL 4.040 | 4    |                        |             | 240             | 170 | 258 | 290 | 5,6         | 8,2    |
| WM KIT HVL 4.055 | 5,5  |                        | B           | 240             | 175 | 258 | 290 | 10,5        | 8,2    |
| WM KIT HVL 4.075 | 7,5  |                        |             | 240             | 175 | 258 | 290 | 10,5        | 8,2    |
| WM KIT HVL 4.110 | 11   |                        | C           | 320             | 175 | 288 | 305 | 10,5        | 5,4    |
| WM KIT HVL 4.150 | 15   |                        |             | 400             | 200 | 325 | 365 | 15,6        | 11,6   |
| WM KIT HVL 4.185 | 18,5 |                        |             | 400             | 200 | 325 | 365 | 15,6        | 11,6   |
| WM KIT HVL 4.220 | 22   |                        |             | 400             | 200 | 325 | 365 | 15,6        | 11,6   |

WM-KIT\_HVL\_models-EN\_b\_td





# Xylem |'zīləm|

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

We're a global team 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 re-used 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).**



#### Hauptsitz

Gloor Pumpenbau AG  
Thunstrasse 25  
CH-3113 Rubigen  
**Tel. +41 (0)58 255 43 34**  
**info@gloor-pumpen.ch**  
**www.gloor-pumpen.ch**

#### Filiale Mittelland

Gloor Pumpenbau AG  
Industriestrasse 25  
CH-5036 Oberentfelden



#### Filiale Suisse Romande

Gloor Pumpenbau SA  
Rue du Collège 3 | Case postale  
CH-1410 Thierrens  
**Tél. +41 (0)58 255 43 34**  
**info@gloor-pompes.ch**  
**www.gloor-pompes.ch**