



# Technical data

|           |                 |
|-----------|-----------------|
| Date      | 9/23/2025       |
| Offer N.  | ---             |
| Pump Type | P 22HX-2500/17T |
|           |                 |

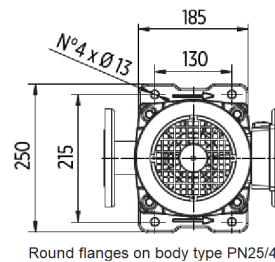
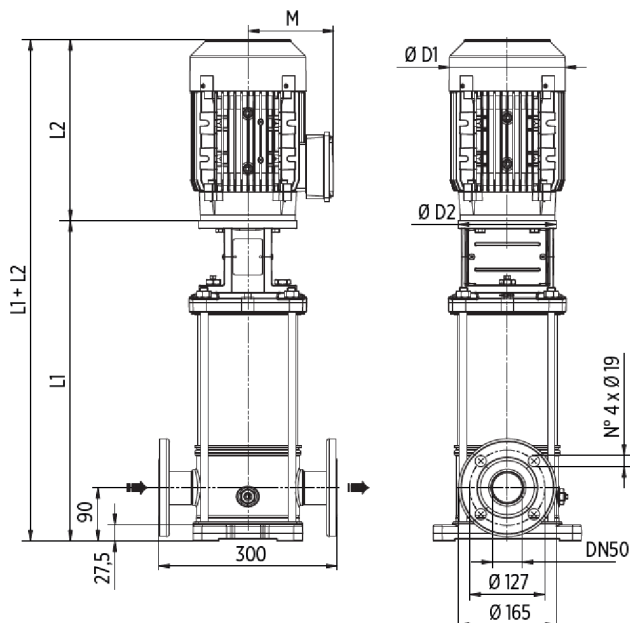
|        |          |           |     |
|--------|----------|-----------|-----|
| Client | EES GmbH | Reference | --- |
|--------|----------|-----------|-----|

## Pump data

|                           |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Impeller, diffuser        | Stainless steel AISI 316 EN X5CrNiMo17-12-2 | <p>Vertical multistage centrifugal pump with in-line ports, solid structure and easily replaceable cartridge mechanical seal that allows maintenance time to be significantly reduced.</p> <p>The HX version comes with all wetted parts made of stainless steel to ensure fully corrosion resistance. This pump is an ideal solution for any pressure boosting application: water distribution, drinking water, irrigation, water treatment plants, gardening, washing systems, boiler feed, circulation of liquids for heating, cooling and conditioning systems.</p> |
| External shell, shaft     | Stainless steel AISI 316 EN X5CrNiMo17-12-2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Pump body                 | Stainless steel AISI 316 EN X5CrNiMo17-12-2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Cartridge mechanical seal | Silicon carbide/ graphite/ EPDM             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| O-rings                   | EPDM                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Operating pressure        | Max 26 bar                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Liquid temperature        | -30°C +120°C (max 85°C for domestic use)    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ambient temperature       | Max 40°C                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                           |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                           |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                           |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| MOTOR P2 |      | Q (m3/h - l/min) |        |        |       |        |        |        |       |     |       |        |        |
|----------|------|------------------|--------|--------|-------|--------|--------|--------|-------|-----|-------|--------|--------|
| (HP)     | (kW) | 0                | 10     | 11     | 12    | 13     | 14     | 16     | 18    | 21  | 24    | 26     | 28     |
|          |      | 0                | 166.67 | 183.33 | 200   | 216.67 | 233.33 | 266.67 | 300   | 350 | 400   | 433.33 | 466.67 |
|          |      | H (m)            |        |        |       |        |        |        |       |     |       |        |        |
| 25       | 18,5 | 268.5            | 246.3  | 243.3  | 240.6 | 238.2  | 235.4  | 228.6  | 221.9 | 202 | 172.1 | 149.2  | 122.8  |

## Technical Sheet



Round flanges on body type PN25/40

The pump is supplied without counterflanges (optional accessories, including bolts and joints)



HX

| MOTOR |     | DIMENSIONS (mm) |     |     |     |     |       | Kg   |       |       |
|-------|-----|-----------------|-----|-----|-----|-----|-------|------|-------|-------|
| kW    | Dim | L1              | L2  | M   | D1  | D2  | L1-L2 | Pump | Motor | Total |
| 18,5  | 160 | 1348            | 598 | 252 | 315 | 350 | 1946  | 64   | 150   | 214   |

## Notes

The information may be subject to change without notice. It is always advisable to contact our commercial department in order to get further information about the products, their technical specifications and warranty conditions. The Company is expressly relieved of any liability for the purchasing of a product not in line with the customer's needs, if not consulted beforehand for a specific consultancy.



## Working Curves

Pump type: P 22HX-2500/17T

Curv n°:

P 22HX-2500/17T

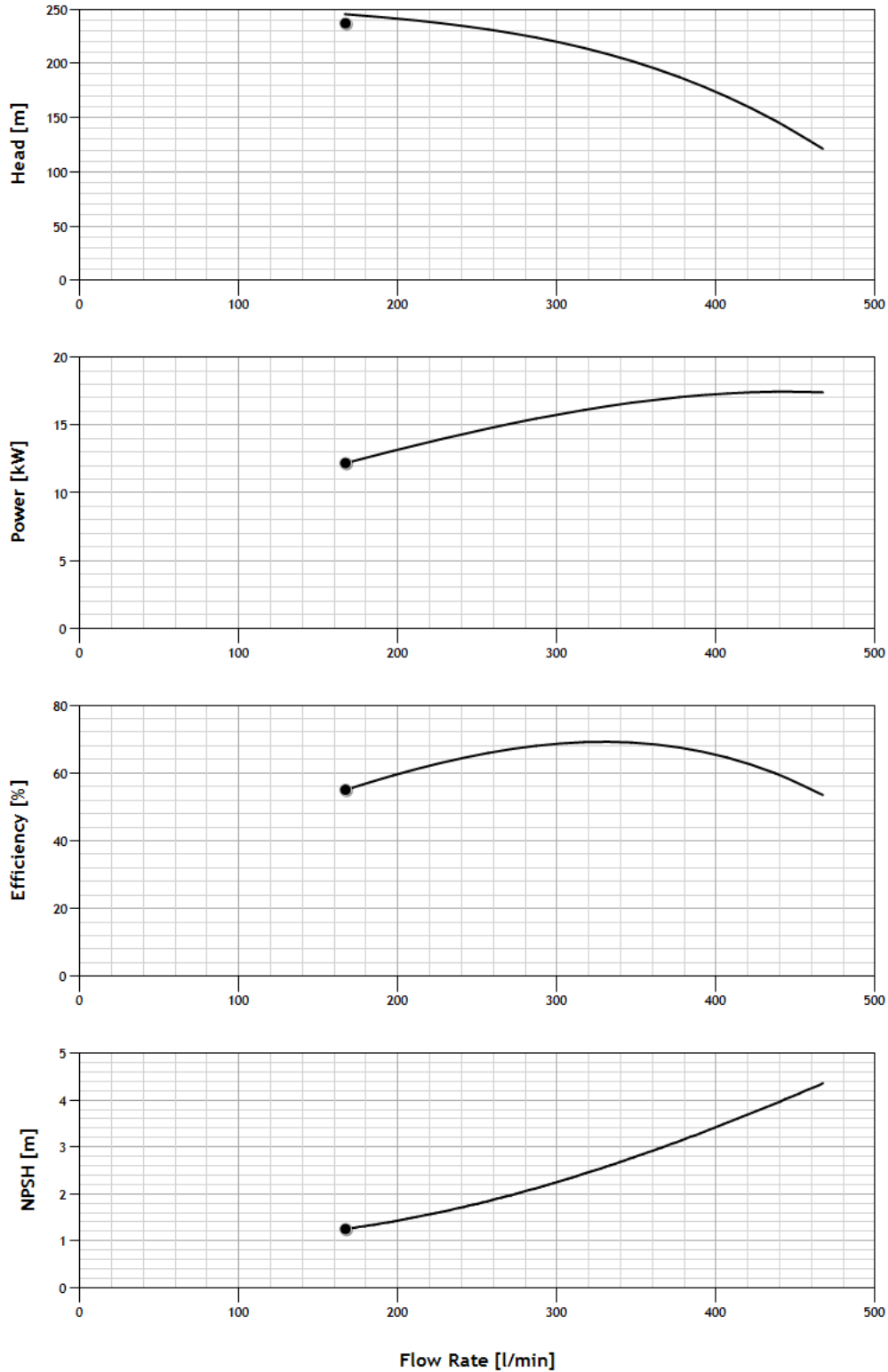
Date:

9/23/2025

Pump Speed

2900 rpm

Q (l/min) 167 | H (m) 237 | Power [kW] 12.19 | Efficiency % 55.06 | NPSH (m) 1.25



MEI ≥ 0.4 (regulation EU N. 547/2012)  
Tolerances according to UNI ISO 9906 grade 3B