



# Technical data

|           |            |
|-----------|------------|
| Date      | 9/22/2025  |
| Offer N.  | ---        |
| Pump Type | P 3V-120/6 |
|           |            |

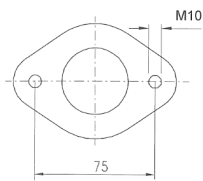
|        |          |           |     |
|--------|----------|-----------|-----|
| Client | EES GmbH | Reference | --- |
|--------|----------|-----------|-----|

## Pump data

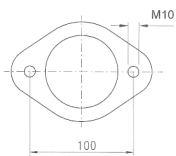
|                                       |                                                                         |                                                                                                                                                                                                                          |
|---------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pump body / Motor bracket             | Cast iron                                                               | Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system. |
| External shell                        | Stainless steel AISI 304 EN X5CrNi18-10                                 |                                                                                                                                                                                                                          |
| Impeller                              | Noryl®                                                                  |                                                                                                                                                                                                                          |
| Motor shaft                           | Stainless steel AISI 304 EN X5CrNi18-10                                 |                                                                                                                                                                                                                          |
| Mechanical seal                       | Ceramic-graphite ≤ 6 impeller;<br>Graphite-silicon carbide ≥ 7 impeller |                                                                                                                                                                                                                          |
| Intermediate shaft guiding stage bush | Ceramic-tungsten carbide                                                |                                                                                                                                                                                                                          |
| Pump body gasket                      | EPDM                                                                    |                                                                                                                                                                                                                          |
| Operating pressure                    | Max 8 bar ≤ 6 impellers<br>Max 14 bar ≥ 7 impellers                     |                                                                                                                                                                                                                          |
| Liquid temperature                    | -5°C +35°C                                                              |                                                                                                                                                                                                                          |
| Ambient temperature                   | Max 40°C                                                                |                                                                                                                                                                                                                          |

| P2   |      | P1 (kW) |     | A         |           | Q (m3/h - l/min) |      |      |      |      |      |      |
|------|------|---------|-----|-----------|-----------|------------------|------|------|------|------|------|------|
| (HP) | (kW) | 1~      | 3~  | 1~ 1x230V | 3~ 3x400V | 0                | 0.6  | 1.2  | 1.8  | 2.4  | 3.6  | 4.8  |
|      |      |         |     |           |           | 0                | 10   | 20   | 30   | 40   | 60   | 80   |
|      |      |         |     |           |           | H (m)            |      |      |      |      |      |      |
| 1,2  | 0,9  | 1,2     | 1,2 | 5,6       | 2,6       | 62.8             | 58.7 | 54.5 | 49.6 | 43.9 | 32.1 | 18.3 |

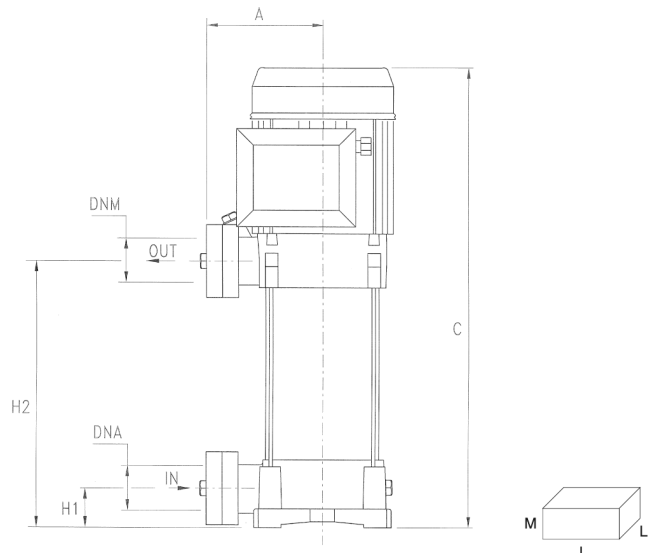
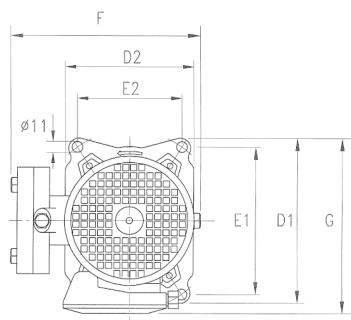
## Technical Sheet



3-5-7



9-18



| DIMENSIONS (mm) |     |     |     |       |     |     |     |    |     | Kg | DNA    | DNM    |
|-----------------|-----|-----|-----|-------|-----|-----|-----|----|-----|----|--------|--------|
| A               | C   | D1  | D2  | E1    | E2  | F   | G   | H1 | H2  |    |        |        |
| 135             | 437 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 202 | 18 | 1"1/4G | 1"1/4G |

## 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 3V-120/6

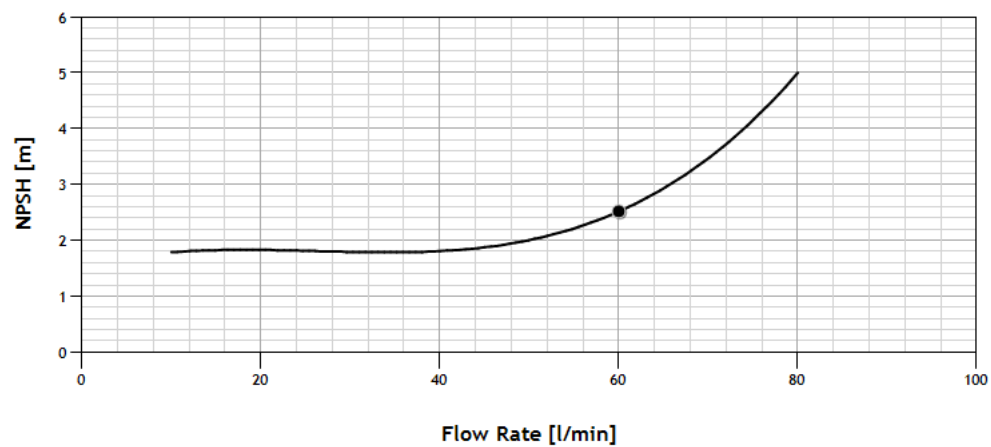
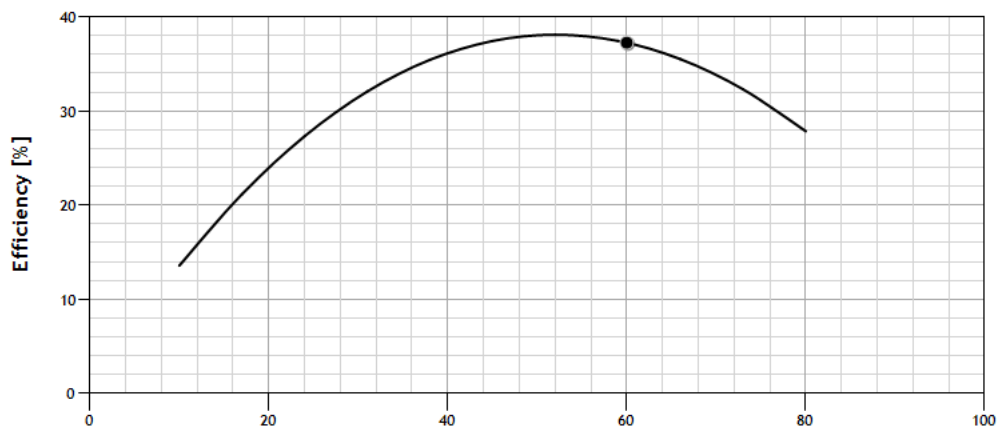
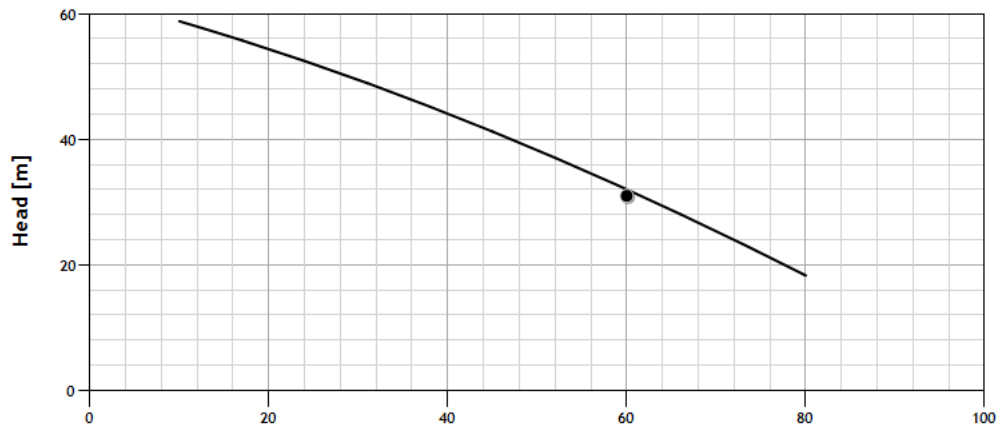
Curv n°:

P 3V-120/6

Date:

9/22/2025

Q (l/min) 60 | H (m) 31 | Power [kW] - | Efficiency % 37.26 | NPSH (m) 2.52



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