



# Technical data

|           |           |
|-----------|-----------|
| Date      | 9/23/2025 |
| Offer N.  | ---       |
| Pump Type | KB400     |
|           |           |

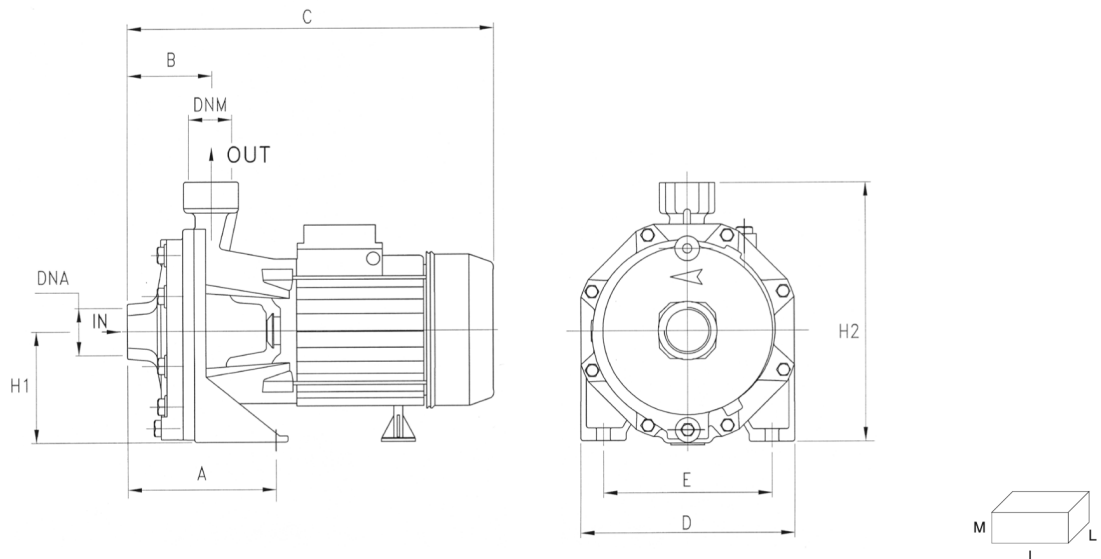
|        |          |           |     |
|--------|----------|-----------|-----|
| Client | EES GmbH | Reference | --- |
|--------|----------|-----------|-----|

## Pump data

|                    |                                                                                  |                                                                                                                                                                   |
|--------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pump body          | Cast iron                                                                        | Two impeller centrifugal pumps to build pressurisation systems for civil and industrial plants; the two opposed impellers guarantee high head with good delivery. |
| Motor bracket      | Cast iron                                                                        |                                                                                                                                                                   |
| Impeller           | Brass or Noryl                                                                   |                                                                                                                                                                   |
| Mechanical seal    | Ceramic-Graphite                                                                 |                                                                                                                                                                   |
| Motor shaft        | Stainless steel AISI 303 EN X8CrNiS18-9,<br>Stainless steel AISI 416 EN X12CrS13 |                                                                                                                                                                   |
| Liquid temperature | Noryl® impeller 0 - 50°C<br>Brass impeller 0 - 90 °C                             |                                                                                                                                                                   |
| Operating pressure | max 6 bar,<br>max 11 bar                                                         |                                                                                                                                                                   |
|                    |                                                                                  |                                                                                                                                                                   |
|                    |                                                                                  |                                                                                                                                                                   |
|                    |                                                                                  |                                                                                                                                                                   |
|                    |                                                                                  |                                                                                                                                                                   |

| P2   |      | P1 (kW) |     | A         |           | Q (m3/h - l/min) |      |    |      |      |      |      |      |      |
|------|------|---------|-----|-----------|-----------|------------------|------|----|------|------|------|------|------|------|
| (HP) | (kW) | 1~      | 3~  | 1~ 1x230V | 3~ 3x400V | 0                | 1.5  | 3  | 4.5  | 6    | 7.5  | 9    | 10.5 | 12   |
|      |      |         |     |           |           | 0                | 25   | 50 | 75   | 100  | 125  | 150  | 175  | 200  |
|      |      |         |     |           |           | H (m)            |      |    |      |      |      |      |      |      |
| 4    | 3    | 3,7     | 3,8 | 16,4      | 6,7       | 63.6             | 63.1 | 62 | 60.3 | 58.2 | 55.5 | 52.3 | 48.4 | 43.9 |

## Technical Sheet



| DIMENSIONS (mm) |      |     |     |     |     |     | DNA     | DNM     | PACKAGING (mm) |     |     | Kg |
|-----------------|------|-----|-----|-----|-----|-----|---------|---------|----------------|-----|-----|----|
| A               | B    | C   | D   | E   | H1  | H2  |         |         | I              | L   | M   |    |
| 145             | 95,5 | 498 | 266 | 212 | 135 | 305 | 1"1/2 G | 1"1/4 G | 553            | 274 | 318 | 47 |

## 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: KB400

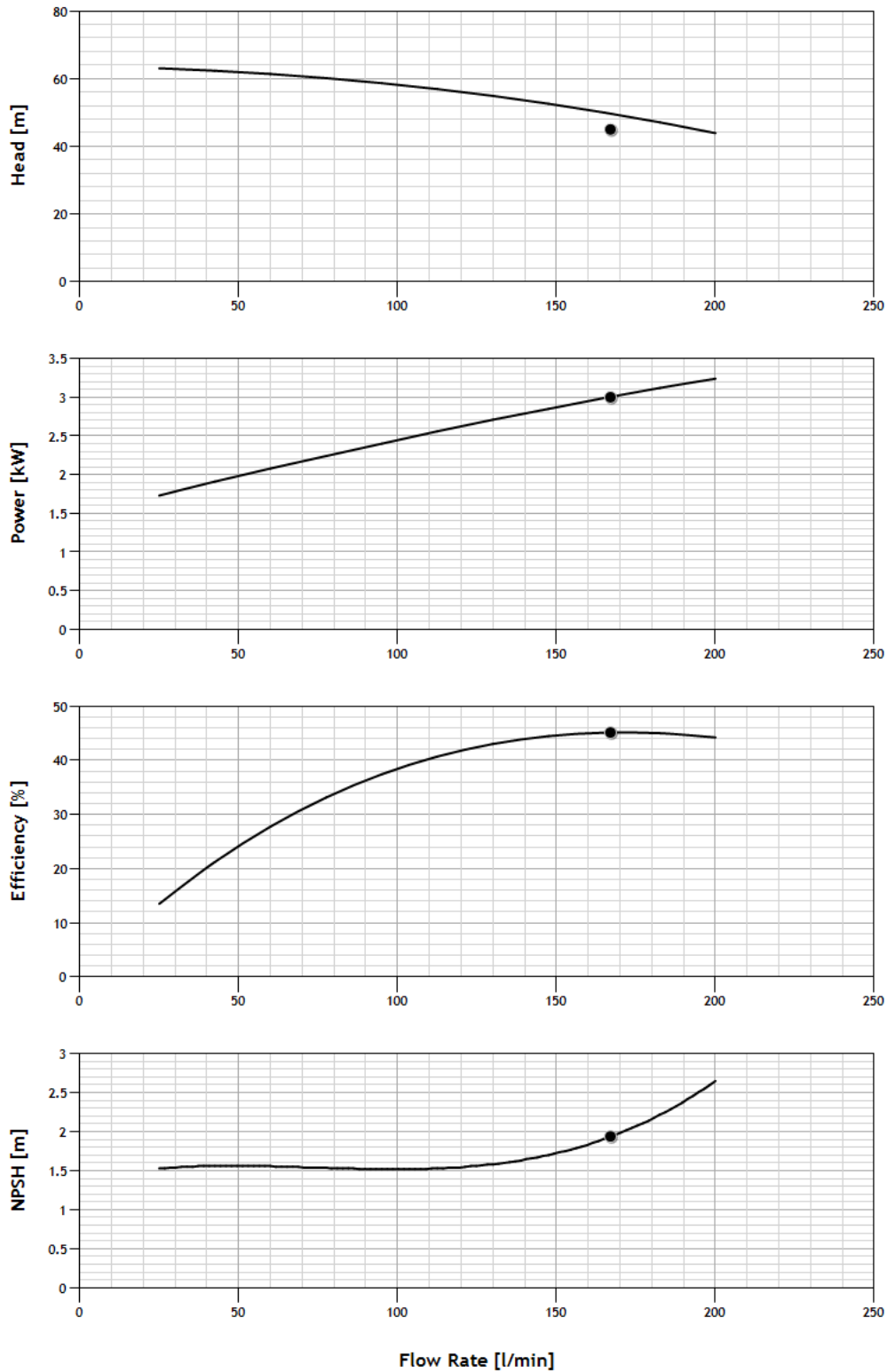
Curv n°:

KB400

Date:

9/23/2025

Q (l/min) 167 | H (m) 45 | Power [kW] 3 | Efficiency % 45.13 | NPSH (m) 1.94



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