



# Technical data

|           |           |
|-----------|-----------|
| Date      | 9/23/2025 |
| Offer N.  | ---       |
| Pump Type | KM314     |
|           |           |

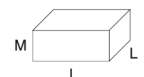
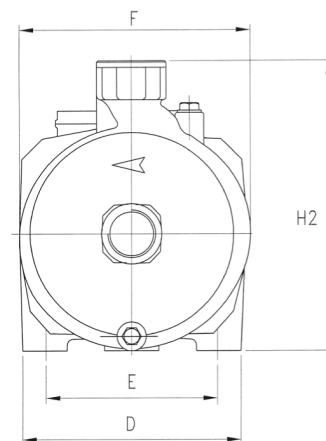
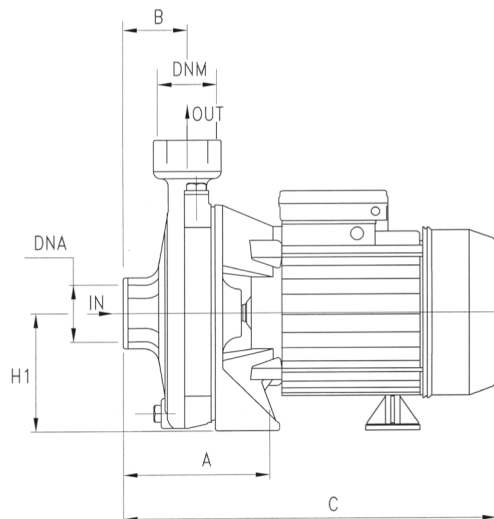
|        |          |           |     |
|--------|----------|-----------|-----|
| Client | EES GmbH | Reference | --- |
|--------|----------|-----------|-----|

## Pump data

|                    |                                                      |                                                                                                                                                                                              |
|--------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pump body          | Cast iron                                            | Single impeller centrifugal pumps, extremely silent suitable for household, civil and industrial applications, with a very flat curve to guarantee constant pressure even when the delivery. |
| Motor bracket      | Cast iron                                            |                                                                                                                                                                                              |
| Impeller           | Noryl or brass                                       |                                                                                                                                                                                              |
| Mechanical seal    | Ceramic-Graphite                                     |                                                                                                                                                                                              |
| Motor shaft        | Stainless steel AISI 303 EN X8CrNiS18-9              |                                                                                                                                                                                              |
| Liquid temperature | Noryl® impeller 0 - 50°C<br>Brass impeller 0 - 90 °C |                                                                                                                                                                                              |
| Operating pressure | Max 8 bar                                            |                                                                                                                                                                                              |
|                    |                                                      |                                                                                                                                                                                              |
|                    |                                                      |                                                                                                                                                                                              |
|                    |                                                      |                                                                                                                                                                                              |
|                    |                                                      |                                                                                                                                                                                              |

| P2   |      | P1 (kW) |    | A         |           | Q (m3/h - l/min) |      |      |      |      |      |     |      |      |
|------|------|---------|----|-----------|-----------|------------------|------|------|------|------|------|-----|------|------|
| (HP) | (kW) | 1~      | 3~ | 1~ 1x230V | 3~ 3x400V | 0                | 1.2  | 2.4  | 3.6  | 4.8  | 6    | 6.6 | 7.2  | 7.8  |
|      |      |         |    |           |           | 0                | 20   | 40   | 60   | 80   | 100  | 110 | 120  | 130  |
|      |      |         |    |           |           | H (m)            |      |      |      |      |      |     |      |      |
| 3    | 2,2  | 2,8     | -  | 13        | -         | 53.2             | 52.7 | 52.1 | 50.8 | 48.8 | 46.3 | 45  | 42.9 | 39.2 |

## Technical Sheet



| DIMENSIONS (mm) |      |     |     |     |     |     |     | DNA     | DNM  | PACKAGING (mm) |     |     | Kg   |
|-----------------|------|-----|-----|-----|-----|-----|-----|---------|------|----------------|-----|-----|------|
| A               | B    | C   | D   | E   | F   | H1  | H2  |         |      | I              | L   | M   |      |
| 117             | 46,5 | 446 | 220 | 180 | 225 | 115 | 285 | 1"1/4 G | 1" G | 520            | 235 | 320 | 34,5 |

## 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: KM314

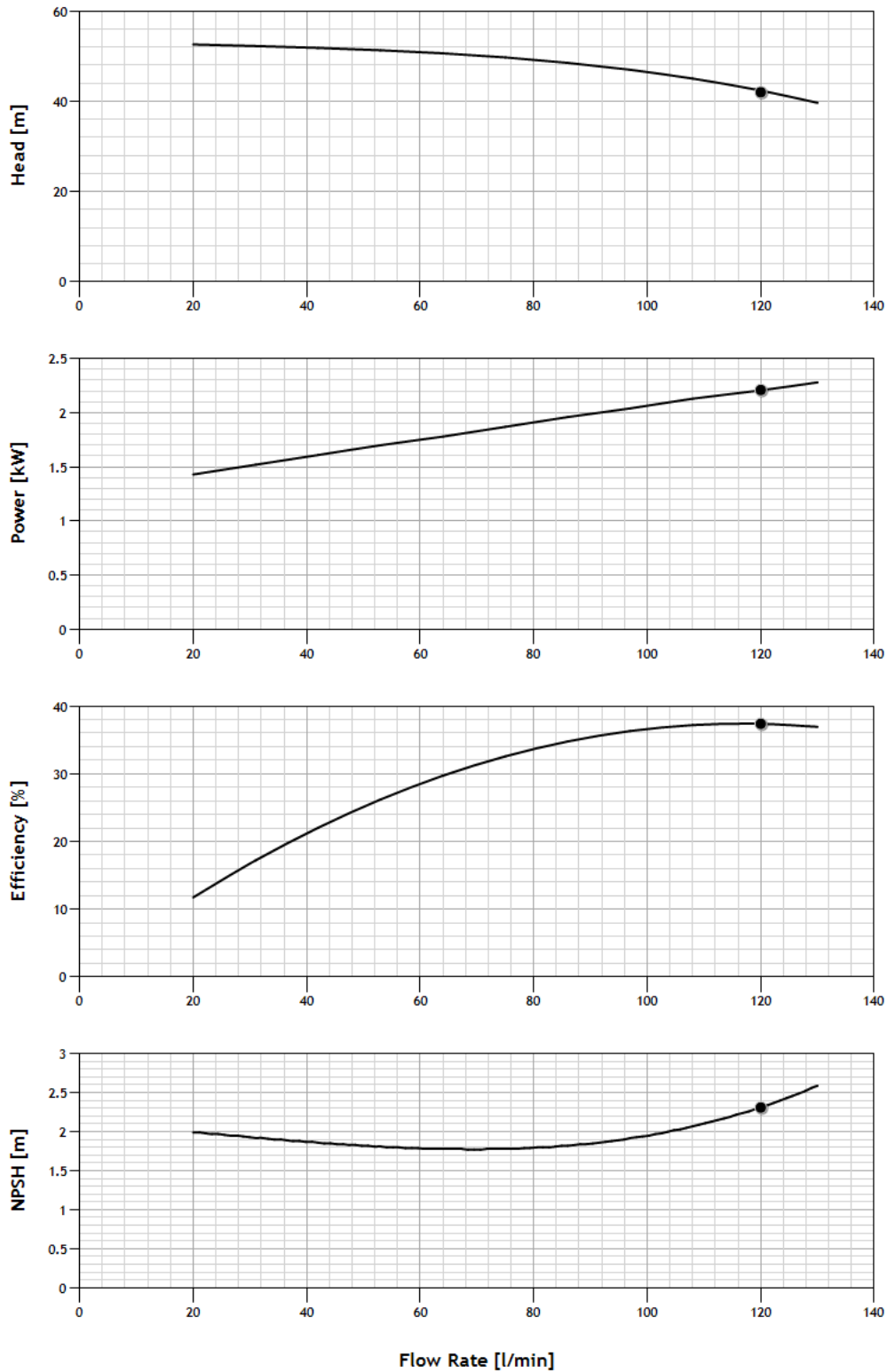
Curv n°:

KM314

Date:

9/23/2025

Q (l/min) 120 | H (m) 42 | Power [kW] 2.21 | Efficiency % 37.39 | NPSH (m) 2.31



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