



# Technical data

|           |           |
|-----------|-----------|
| Date      | 9/19/2025 |
| Offer N.  | ---       |
| Pump Type | FC1000T   |
|           |           |

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

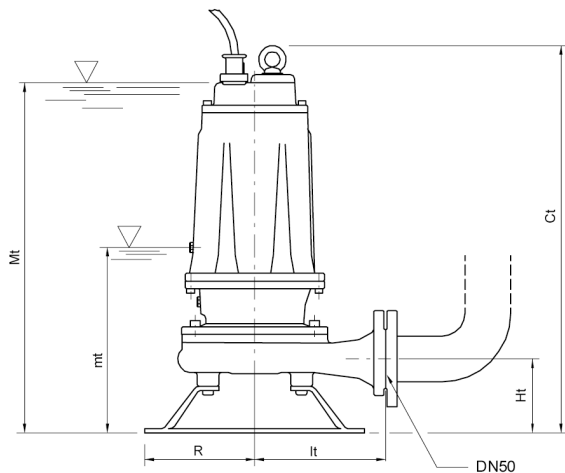
## Pump data

|                            |                                                                                            |                                                                                                                                                                                                                                                                                                                             |
|----------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pump body                  | Cast iron                                                                                  | <p>Drainage pumps for loaded waters with open ring impeller; the whole pump is made of cast iron. These pumps generate a high head and are designed for extremely heavy applications; ideal for civil and household applications.</p> <p>The sealing system consists of two mechanical seals lubricated in oil chamber.</p> |
| Impeller                   | Cast iron                                                                                  |                                                                                                                                                                                                                                                                                                                             |
| Mechanical seal            | Double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side |                                                                                                                                                                                                                                                                                                                             |
| Motor shaft                | Stainless steel AISI 304 EN X5CrNi18-10                                                    |                                                                                                                                                                                                                                                                                                                             |
| Passage of solids          | 10 mm                                                                                      |                                                                                                                                                                                                                                                                                                                             |
| Allowed depth of immersion | Max 20 m                                                                                   |                                                                                                                                                                                                                                                                                                                             |
| Liquid temperature         | 0°C +40°C                                                                                  |                                                                                                                                                                                                                                                                                                                             |
| Cable                      | H07 RN8F, 10 m                                                                             |                                                                                                                                                                                                                                                                                                                             |
| Bolts                      | A2 stainless steel                                                                         |                                                                                                                                                                                                                                                                                                                             |
| Foot support               | Galvanized iron                                                                            |                                                                                                                                                                                                                                                                                                                             |
| O-rings                    | NBR rubber                                                                                 |                                                                                                                                                                                                                                                                                                                             |

| A         |           |             |             |
|-----------|-----------|-------------|-------------|
| 3~ 3x230V | 3~ 3x400V | 3~ 230/400V | 3~ 400/690V |
| ---       | 17,5      | 30,3        | 17,5        |

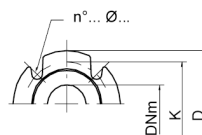
| P2 |     | P1 (kW) | Q (m3/h - l/min) |      |      |      |      |      |     |      |      |
|----|-----|---------|------------------|------|------|------|------|------|-----|------|------|
| HP | kW  | 3~      | 0                | 12   | 18   | 24   | 30   | 36   | 42  | 48   | 54   |
|    |     |         | 0                | 200  | 300  | 400  | 500  | 600  | 700 | 800  | 900  |
|    |     |         | H (m)            |      |      |      |      |      |     |      |      |
| 10 | 7,5 | 10,3    | 55.1             | 49.8 | 47.1 | 44.2 | 41.1 | 37.8 | 34  | 29.1 | 19.7 |

## Technical Sheet

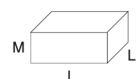
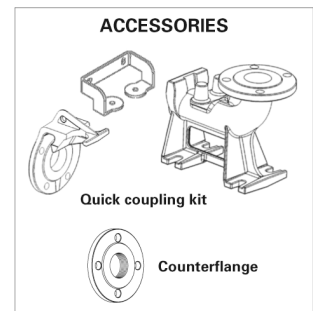


Mt/Mt: livello minimo di funzionamento continuo

mt/mf: livello minimo di funzionamento



| Flange UNI PN 10 (mm) |     |     |            |
|-----------------------|-----|-----|------------|
| DNm                   | K   | D   | n°... Ø... |
| 50                    | 125 | 165 | 4... 18... |
| 65                    | 145 | 185 | 4... 18... |



| DIMENSIONS (mm) |     |     |     |     |     | DNM | Kg |
|-----------------|-----|-----|-----|-----|-----|-----|----|
| Ct              | Ht  | R   | lt  | mt  | Mt  |     |    |
| 680             | 160 | 180 | 250 | 280 | 630 | 65  | 96 |

## 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: FC1000T

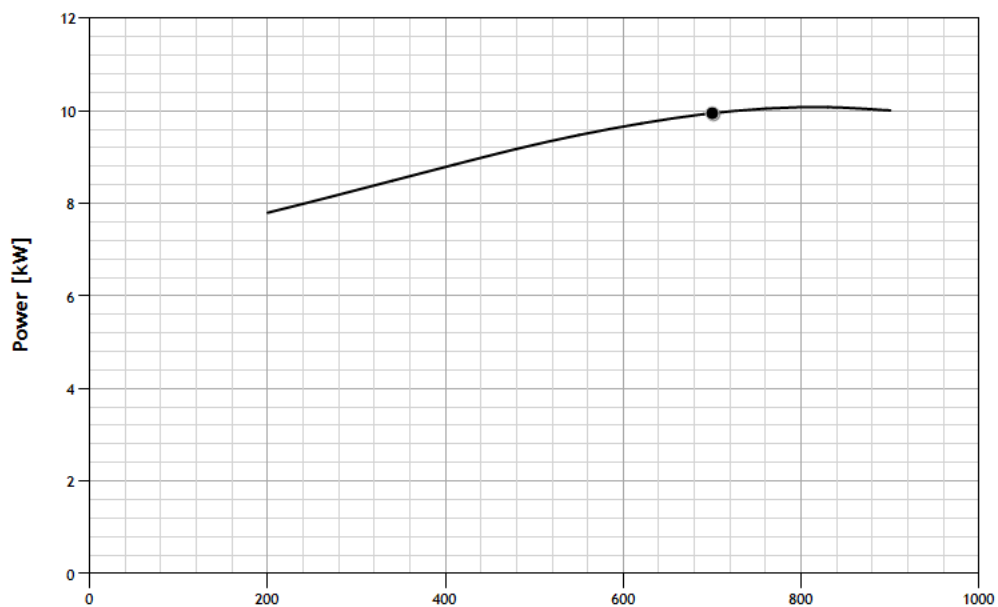
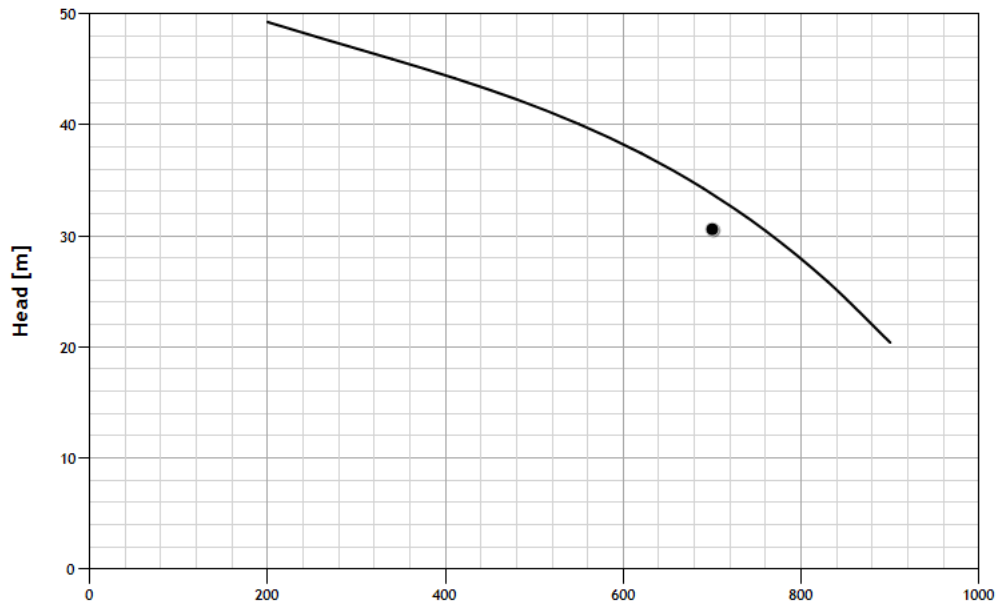
Curv n°:

FC1000T

Date:

9/19/2025

Q (l/min) 700 | H (m) 30.6 | Power [kW] 9.95 | Efficiency % - | NPSH (m) -



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