

## General Data

|   |                   |
|---|-------------------|
| Model:  | COMPATTA EVO 22 M |
| Code:   | 2001030           |
| Series:   | Compatta          |
| Weight [Kg]                                       | 20.00             |
| Submersible pump for sewage with suspended solids |                   |

## Hydraulic

|                          |       |
|--------------------------|-------|
| Impeller Type:           | -     |
| Delivery DN [mm]:        | G 2"  |
| Input DN [mm]:           | 50    |
| Free Passage [mm]:       | 40    |
| Impeller Ø [mm]:         | 96    |
| Max Pump Efficiency [%]: | 0.0   |
| Global Efficiency [%]:   | 19.96 |
| Head [m]:                | 3.88  |
| Flow [m³/h]:             | 18.00 |

*Tolerance according to ISO 9906:2012 3B2*

## Features

|                        |                                 |
|------------------------|---------------------------------|
| Upper Meccanical seal: | CA/CE/Viton                     |
| Lower Meccanical Seal: | SIC/SIC/Viton                   |
| Upper Bearing:         | Single raw ball bearing         |
| Lower Bearing:         | Single raw ball bearing         |
| IP Protection:         | IP68                            |
| Motor protection:      | present                         |
| Humidity sensor:       | not present                     |
| ATEX:                  | not present                     |
| Applied Paint:         | Two component water-based paint |
| Cable Length [m]:      | 10                              |
| Lubricating Oil:       | Q8 WF15                         |
| Oil Quantity [Kg]:     | 0.24                            |

## Materials

|                 |                       |
|-----------------|-----------------------|
| Pump:           | -                     |
| Impeller:       | -                     |
| Motor shaft:    | -                     |
| Cooling Jacket: | Not available         |
| Screw:          | Stainless steel A2-70 |
| Cable:          | H07RN8F               |

## Pumped Liquid

|                   |        |
|-------------------|--------|
| Pumped Liquid:    | Sewage |
| Density [Kg/dm³]: | 1.1    |

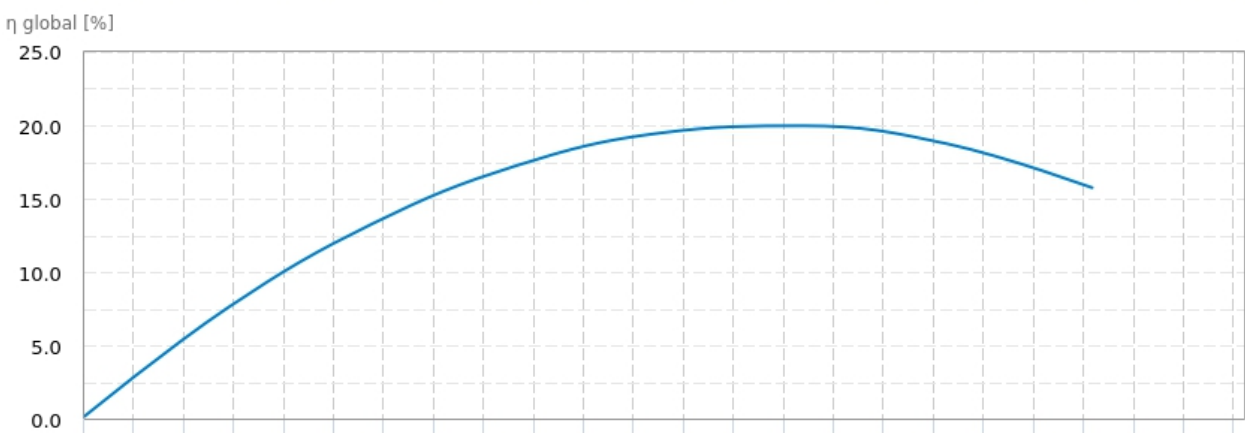
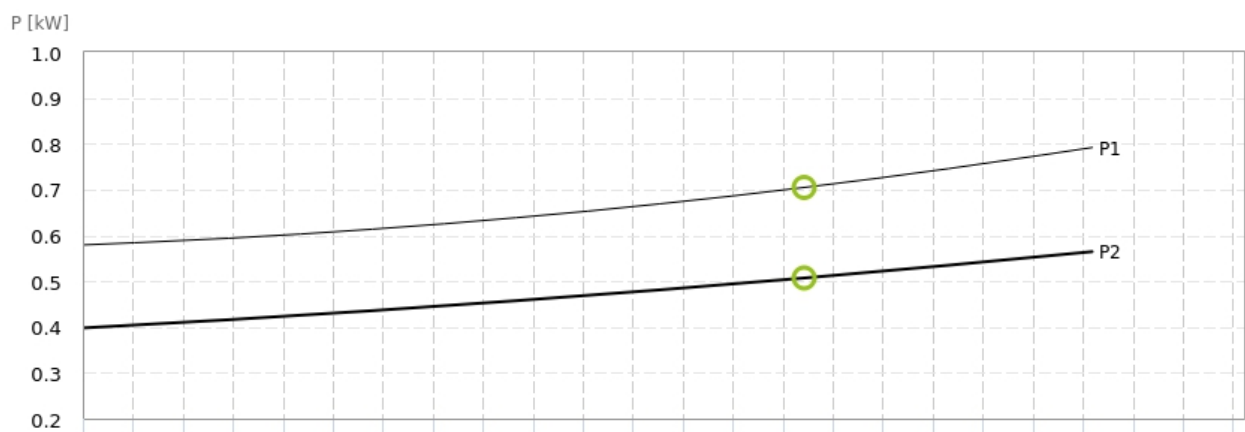
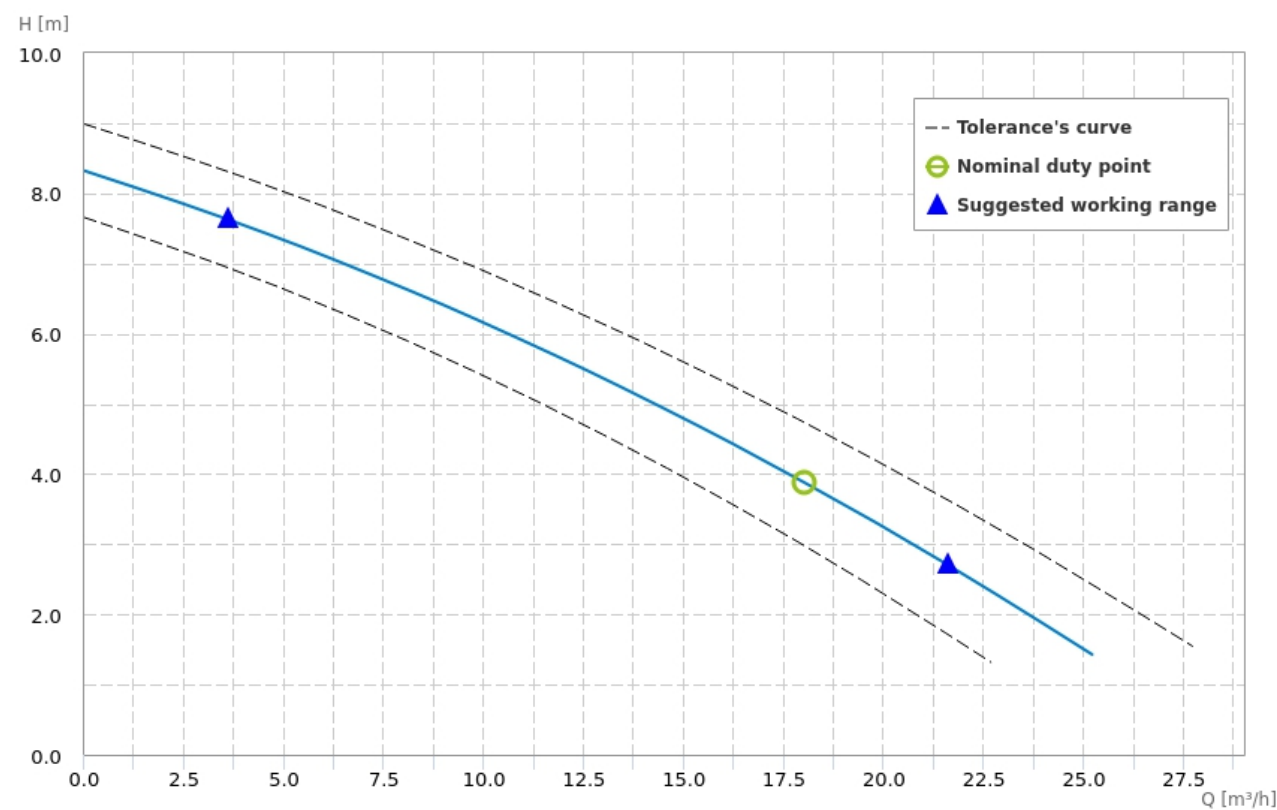


Attention: pictures for illustrative purposes

pH: 2023-10-06  
Temperature Range: 0-40°C

### Installation

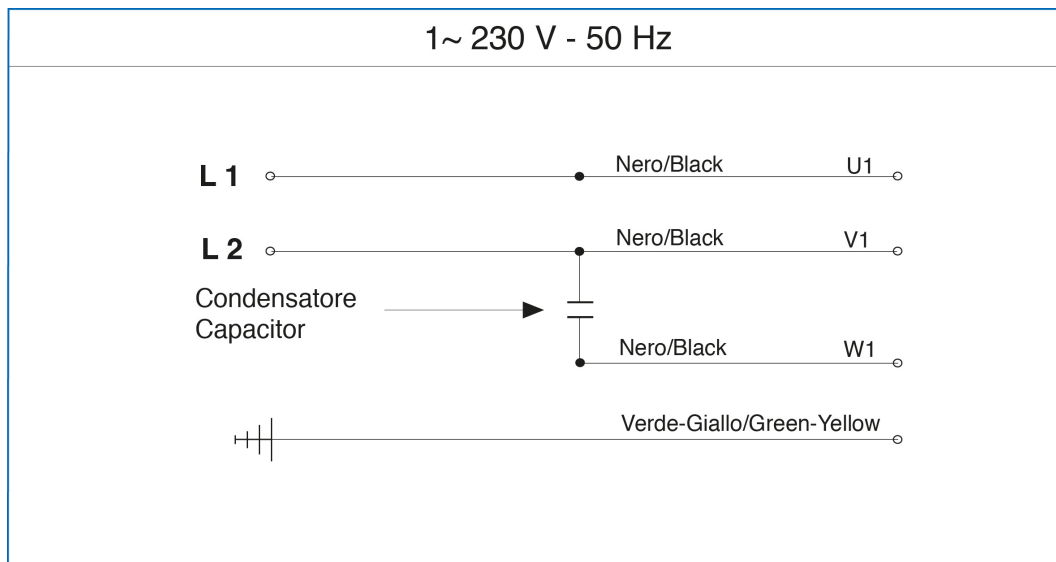
Maximum depth of immersion [m]: 20  
Cooling Type: The cooling of the motor is ensured by the surrounding liquid  
Installation:  
Floating on board machine: not present



## Motor

|                                  |            |
|----------------------------------|------------|
| Motor code:                      | 3520120210 |
| Power P1 [kW]:                   | 0.79       |
| Power P2 [kW]:                   | 0.56       |
| Phases:                          | 1          |
| Frequency [Hz]:                  | 50         |
| Tension [V]:                     | 230        |
| Nominal current [A]:             | 3.6        |
| Starting current [%]:            | 334.0      |
| Power Factor:                    | 0.94       |
| R.P.M.:                          | 2850       |
| Starting:                        | D.O.L      |
| Capacitor [μF]:                  | 16.0       |
| Insulation Class:                | F 155°C    |
| Service type:                    | S2         |
| Max Efficiency [%]:              | 87.40      |
| Max Efficiency at full load [%]: | 84.5       |
| Efficiency at ¾ load [%]:        | 86.9       |
| Efficiency at ½ load [%]:        | 87.2       |
| Efficiency class:                | -          |

## Wiring diagrams



## Dimensions drawing

