

General Data

| | |
|---|--------------------|
| Model: | COMPATTA EVO 4 M/G |
| Code: | 2001048 |
| Series: | Compatta |
| Weight [Kg] | 23.00 |
| Submersible pump for sewage with suspended solids | |

Hydraulic

| | |
|--------------------------|-------|
| Impeller Type: | - |
| Delivery DN [mm]: | G 2" |
| Input DN [mm]: | 50 |
| Free Passage [mm]: | 50 |
| Impeller Ø [mm]: | 113 |
| Max Pump Efficiency [%]: | 0.0 |
| Global Efficiency [%]: | 22.6 |
| Head [m]: | 8.34 |
| Flow [m³/h]: | 14.40 |

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 |

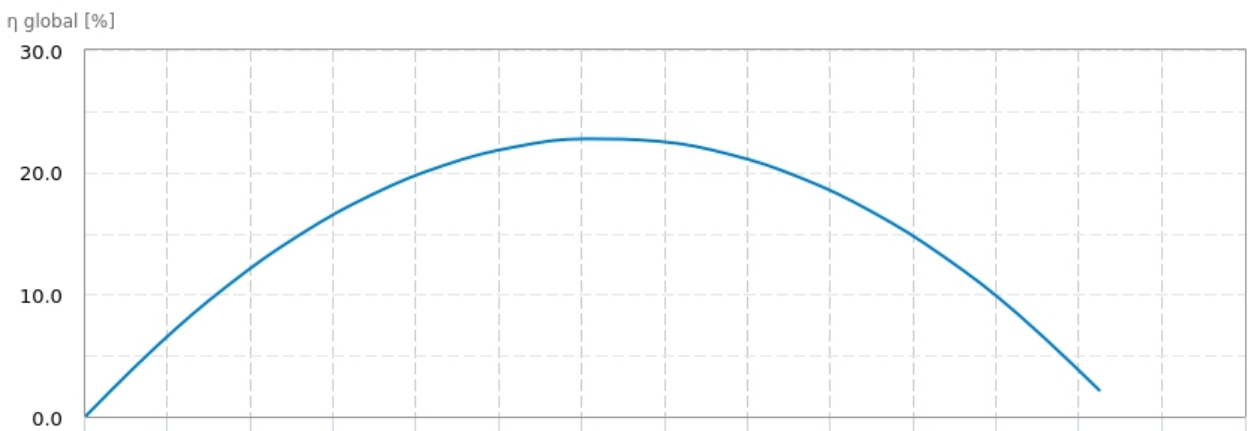
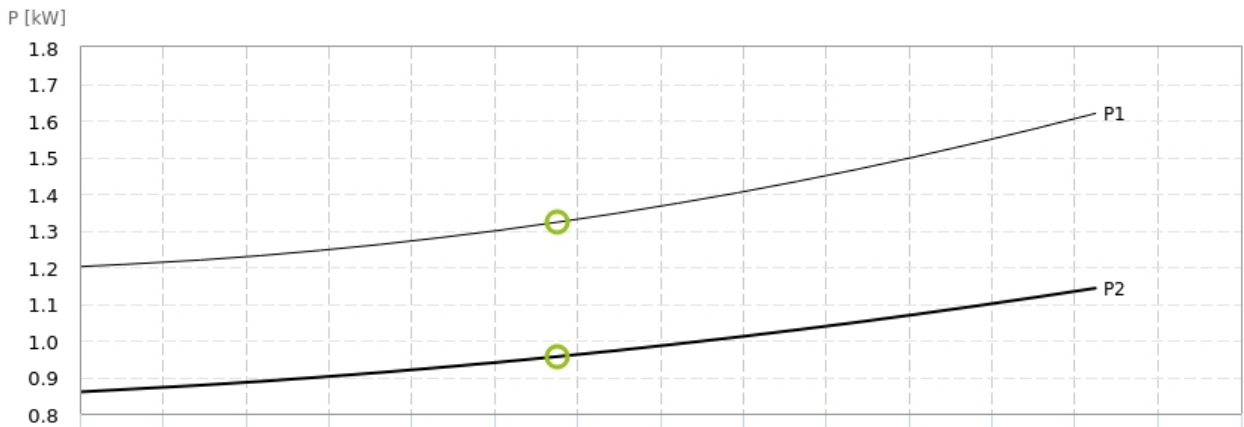
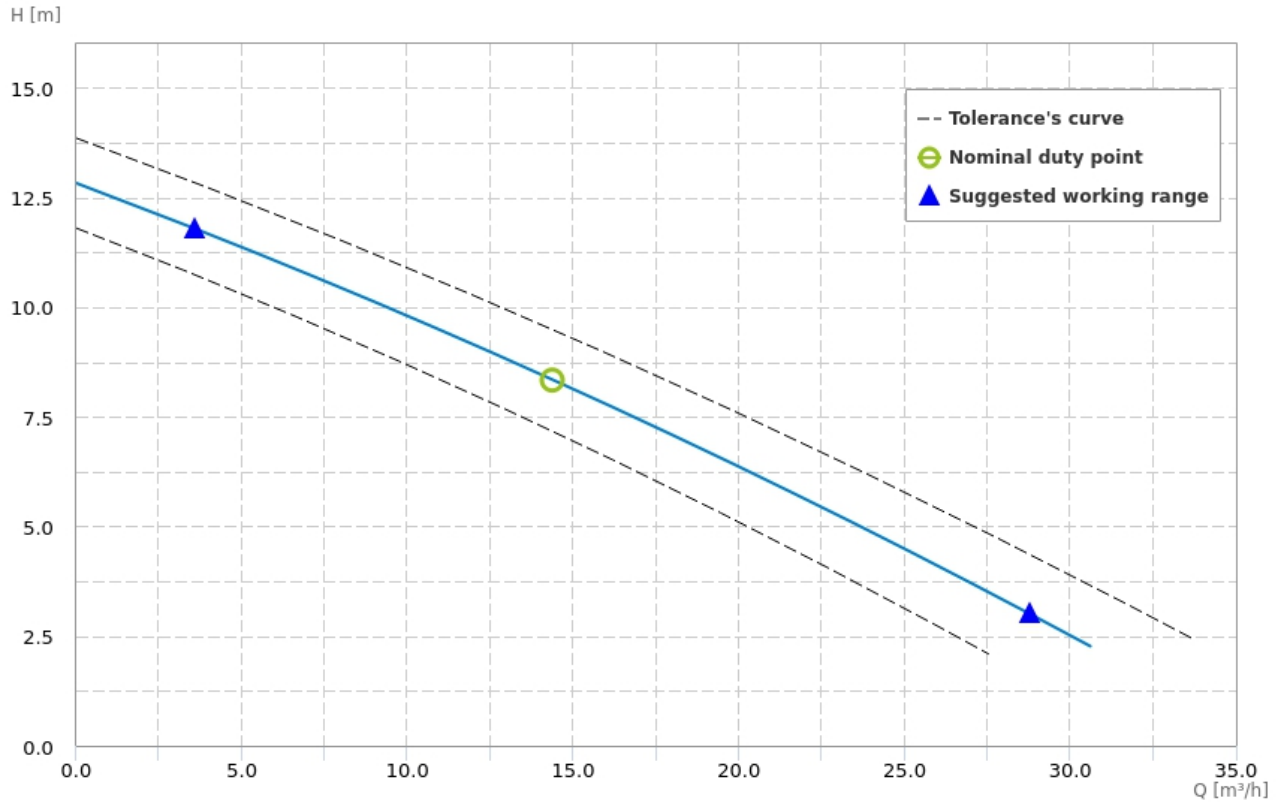


Attention: pictures for illustrative purposes

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

Installation

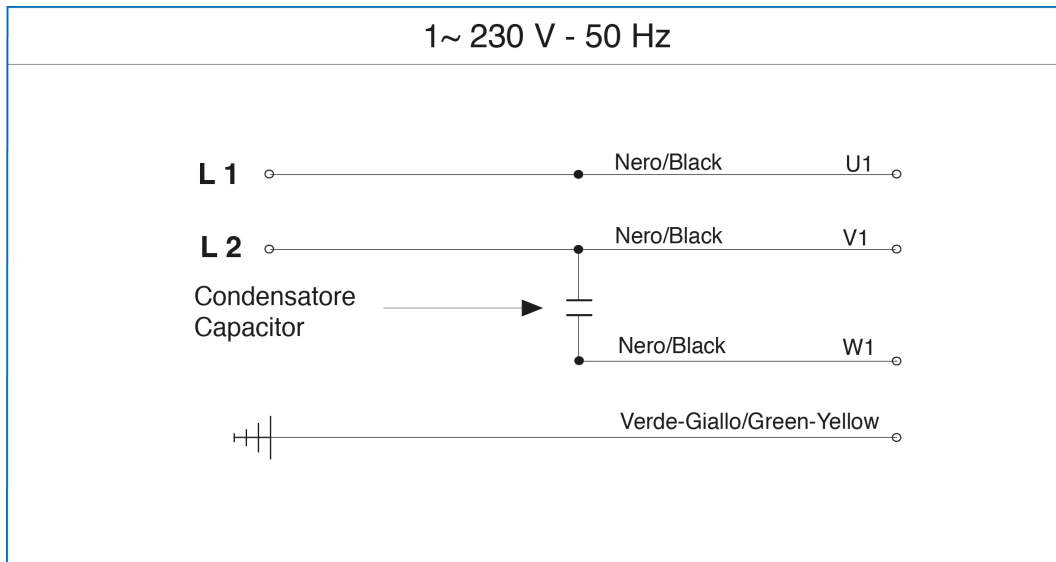
Maximum depth of immersion [m]: 20
Cooling Type: The cooling of the motor is ensured by the surrounding liquid
Installation:
Floating on board machine: present



Motor

| | |
|----------------------------------|------------|
| Motor code: | 3520160210 |
| Power P1 [kW]: | 1.60 |
| Power P2 [kW]: | 1.10 |
| Phases: | 1 |
| Frequency [Hz]: | 50 |
| Tension [V]: | 230 |
| Nominal current [A]: | 7.6 |
| Starting current [%]: | 308.0 |
| Power Factor: | 0.94 |
| R.P.M.: | 2850 |
| Starting: | D.O.L |
| Capacitor [µF]: | 30.0 |
| Insulation Class: | F 155°C |
| Service type: | S2 |
| Max Efficiency [%]: | 74.80 |
| Max Efficiency at full load [%]: | 73.1 |
| Efficiency at ¾ load [%]: | 74.3 |
| Efficiency at ½ load [%]: | 73.5 |
| Efficiency class: | - |

Wiring diagrams



Dimensions drawing

