

General Data

| | |
|---|-------------------------|
| Model: | COMPATTA PRO 50-2/060 M |
| Code: | 2000560 |
| Series: | Compatta PRO |
| Weight [Kg] | 22.00 |
| Submersible pump for sewage with suspended solids | |

Hydraulic

| | |
|---------------------------|-----------------|
| Impeller Type: | Vortex Impeller |
| Delivery DN [mm]: | G 2" |
| Input DN [mm]: | 50 |
| Free Passage [mm]: | 50 |
| Impeller Ø [mm]: | 96 |
| Max Pump Efficiency [%]: | 30.60 |
| Global Efficiency [%]: | 20.89 |
| Head [m]: | 3.80 |
| Flow [m ³ /h]: | 18.00 |

Tolerance according to ISO 9906:2012 3B2

Features

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|------------------------|---------------------------------|
| Upper Meccanical seal: | Lips seal |
| Lower Meccanical Seal: | Silicon carbide/ceramic/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: | - |
| Oil Quantity [Kg]: | - |

Materials

| | |
|-----------------|------------------------------|
| Pump: | Cast Iron EN 1561 EN-GJL-200 |
| Impeller: | Cast iron EN 1561 EN-GJL-200 |
| Motor shaft: | Stainless steel AISI 420 |
| Cooling Jacket: | Not available |
| Screw: | Stainless steel A2-70 |
| Cable: | H07RN8F |

Pumped Liquid

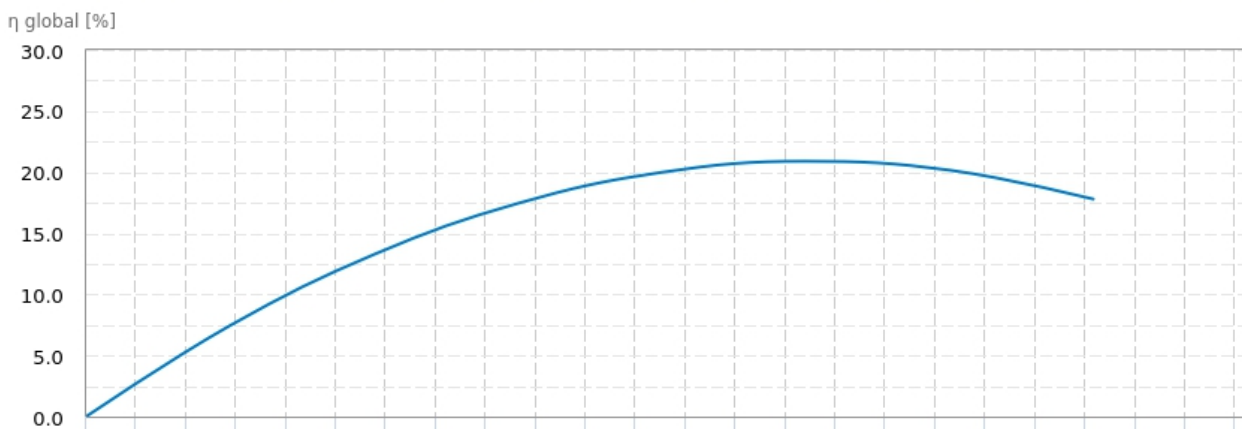
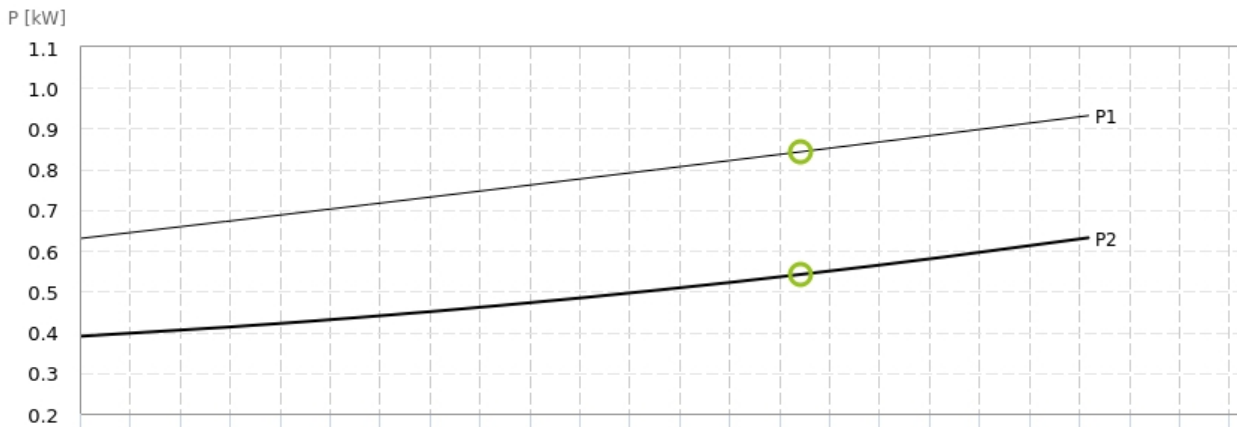
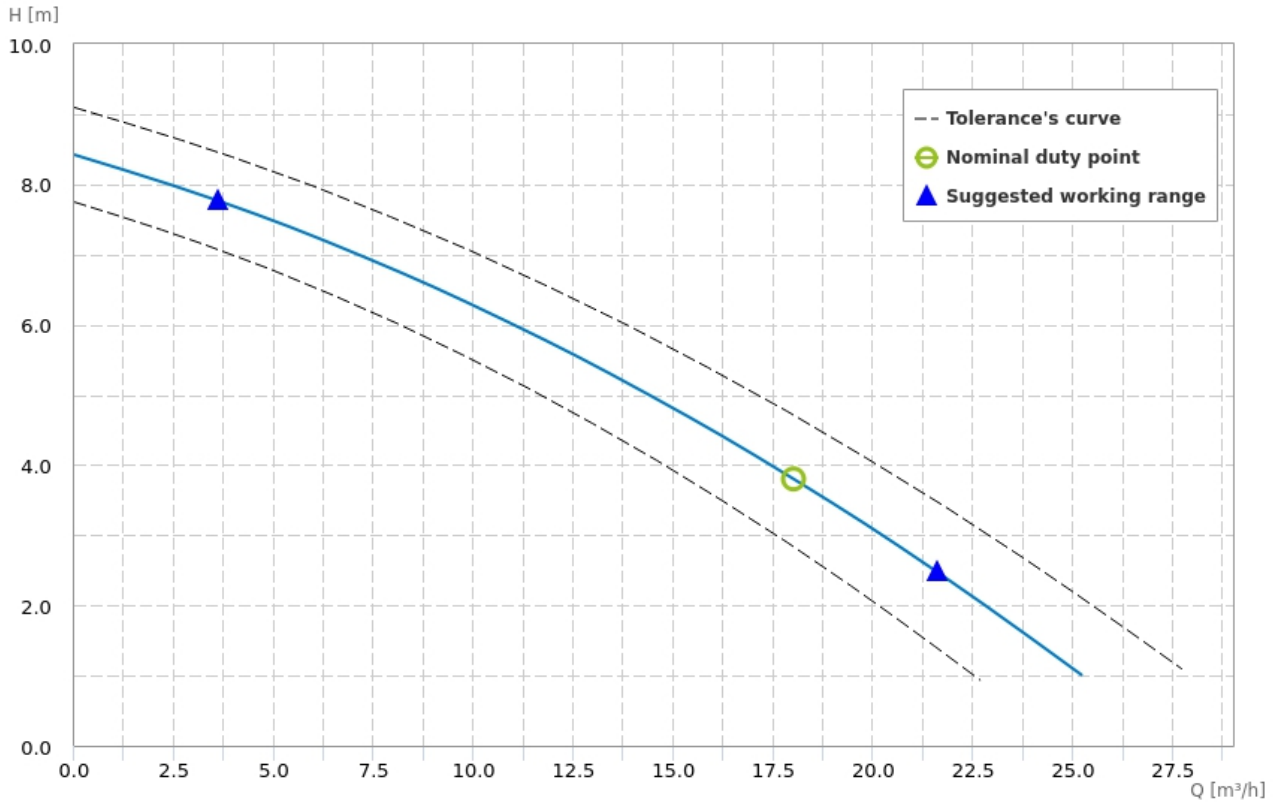
| | |
|--------------------------------|--------|
| Pumped Liquid: | Sewage |
| Density [Kg/dm ³]: | 1.1 |
| pH: | 6-10 |
| Temperature Range: | 0-40°C |

Installation

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

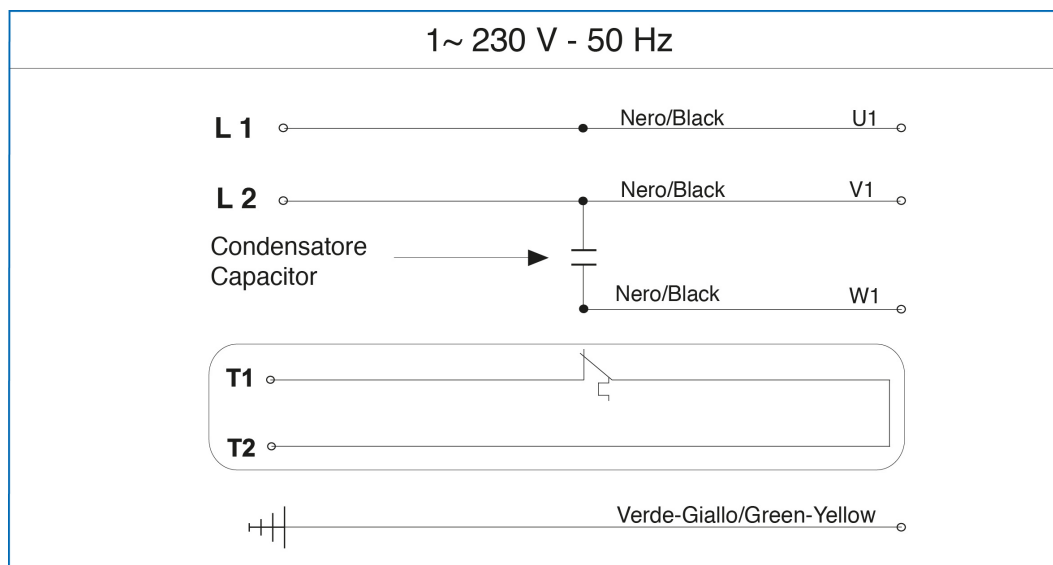


Attention: pictures for illustrative purposes



Motor

| | |
|---------------------------------------|------------|
| Motor code: | 3520160215 |
| Power P1 [kW]: | 0.90 |
| Power P2 [kW]: | 0.60 |
| Phases: | 1 |
| Frequency [Hz]: | 50 |
| Tension [V]: | 230 |
| Nominal current [A]: | 4.8 |
| Starting current [%]: | 308.0 |
| Power Factor: | 0.93 |
| R.P.M.: | 2850 |
| Starting: | D.O.L |
| Capacitor [μ F]: | 20.0 |
| Insulation Class: | F 155°C |
| Service type: | S2 |
| Max Efficiency [%]: | 74.80 |
| Max Efficiency at full load [%]: | 70.7 |
| Efficiency at $\frac{3}{4}$ load [%]: | 68.0 |
| Efficiency at $\frac{1}{2}$ load [%]: | 67.0 |
| Efficiency class: | - |

Wiring diagrams

Dimensions drawing

