

General Data

| | |
|---|----------------|
| Model: | COMPATTA 3 M/G |
| Code: | 2000012 |
| Series: | Compatta |
| Weight [Kg] | 17.00 |
| Submersible pump for sewage with suspended solids | |

Hydraulic

| | |
|--------------------------|-----------------|
| Impeller Type: | Vortex Impeller |
| Delivery DN [mm]: | G 1"1/2 |
| Input DN [mm]: | 40 |
| Free Passage [mm]: | 35 |
| Impeller Ø [mm]: | 104 |
| Max Pump Efficiency [%]: | 26.00 |
| Global Efficiency [%]: | 22.92 |
| Head [m]: | 7.07 |
| Flow [m³/h]: | 9.00 |

Tolerance according to ISO 9906:2012 3B2

Features

| | |
|------------------------|---------------------------------|
| 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

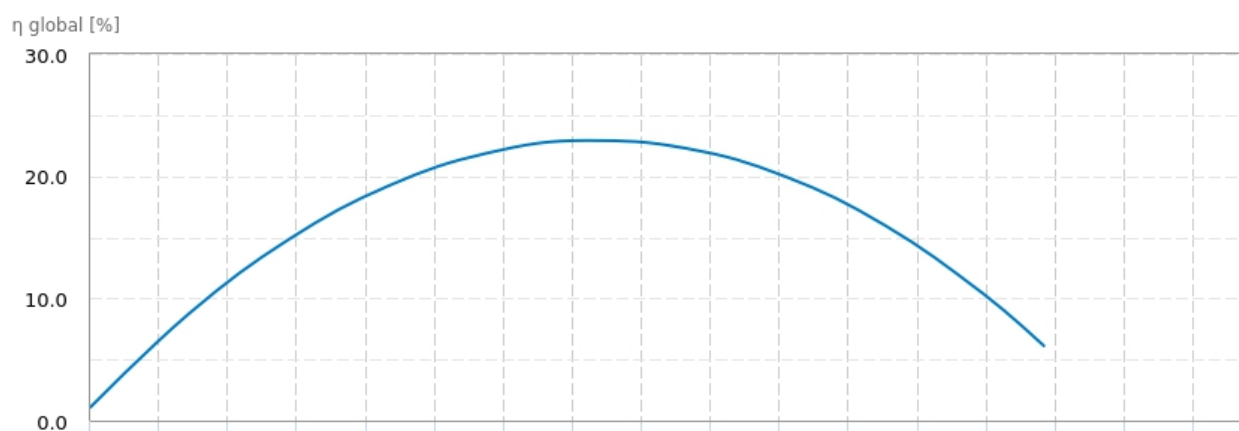
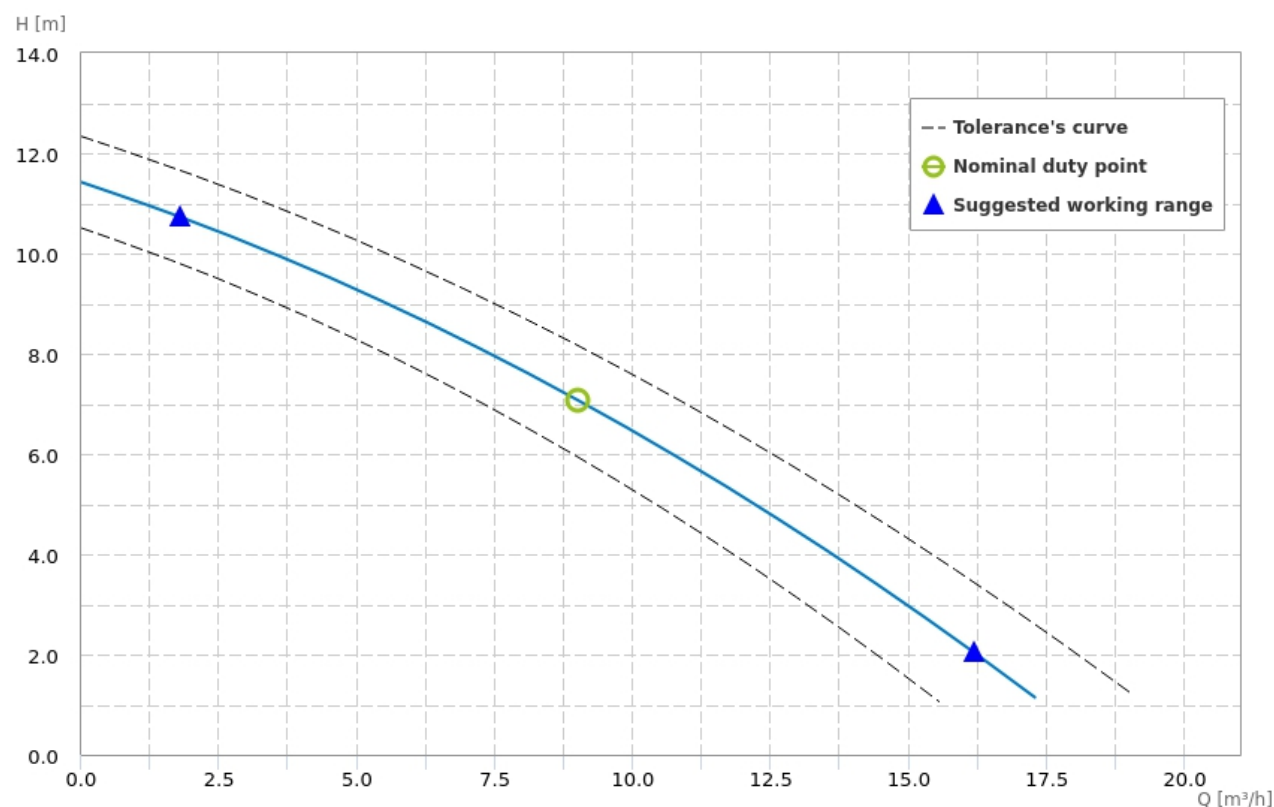
| | |
|--------------------|--------|
| Pumped Liquid: | Sewage |
| Density [Kg/dm³]: | 1.1 |
| pH: | 6-10 |
| Temperature Range: | 0-40°C |

Installation

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

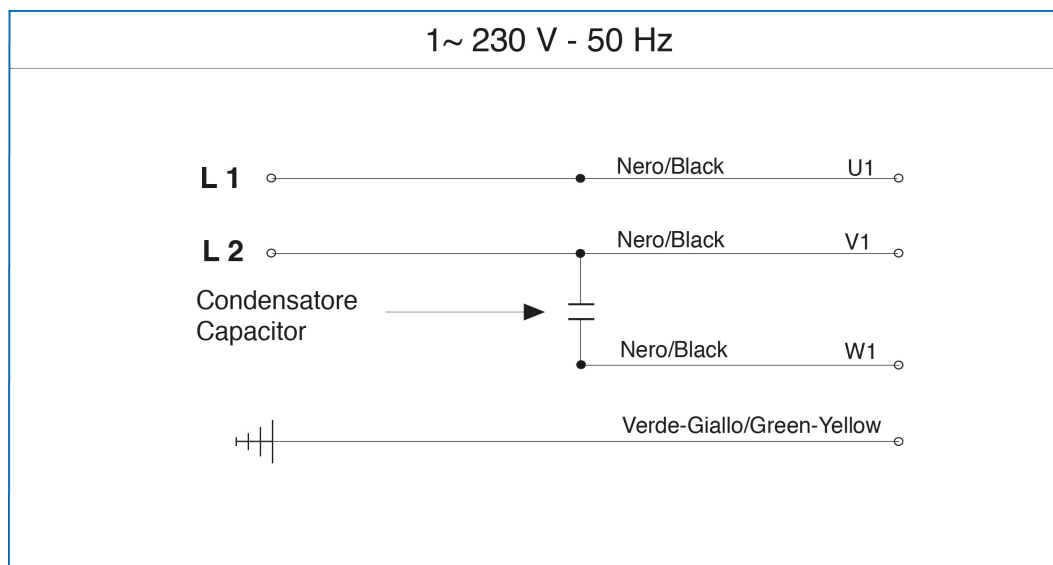


Attention: pictures for illustrative purposes



Motor

| | |
|---------------------------------------|------------|
| Motor code: | 3520140210 |
| Power P1 [kW]: | 1.10 |
| Power P2 [kW]: | 0.75 |
| Phases: | 1 |
| Frequency [Hz]: | 50 |
| Tension [V]: | 230 |
| Nominal current [A]: | 5.2 |
| Starting current [%]: | 356.0 |
| Power Factor: | 0.92 |
| R.P.M.: | 2850 |
| Starting: | D.O.L |
| Capacitor [μ F]: | 20.0 |
| Insulation Class: | F 155°C |
| Service type: | S2 |
| Max Efficiency [%]: | 88.10 |
| Max Efficiency at full load [%]: | 83.0 |
| Efficiency at $\frac{3}{4}$ load [%]: | 87.1 |
| Efficiency at $\frac{1}{2}$ load [%]: | 87.8 |
| Efficiency class: | - |

Wiring diagrams

Dimensions drawing

