

**General Data**

Model:	COMPATTA PRO 50-2/150 M
Code:	2000038
Series:	Compatta PRO
Weight [Kg]	25.50
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]:	110
Max Pump Efficiency [%]:	36.20
Global Efficiency [%]:	27.33
Head [m]:	9.65
Flow [m³/h]:	18.00

*Tolerance according to ISO 9906:2012 3B2*



Attention: pictures for illustrative purposes

**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**

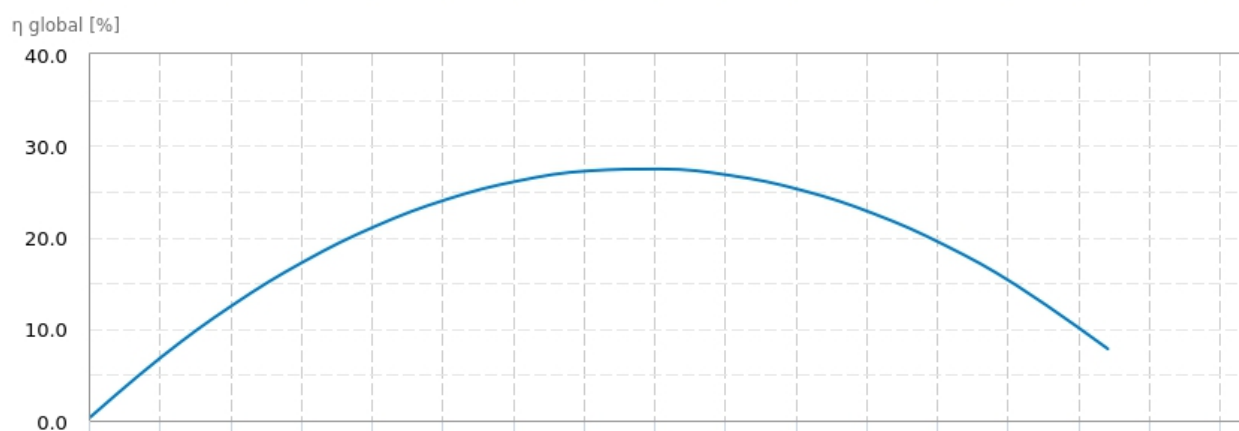
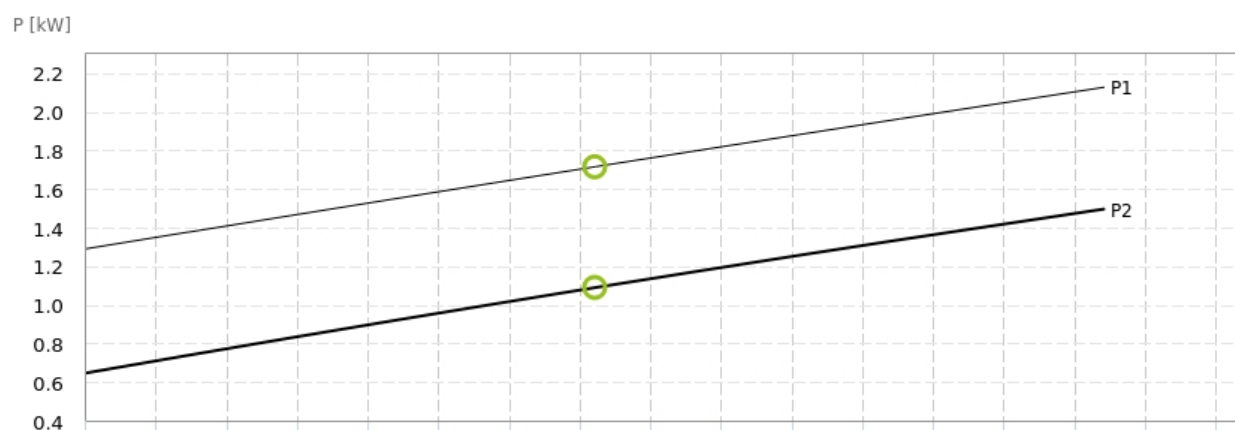
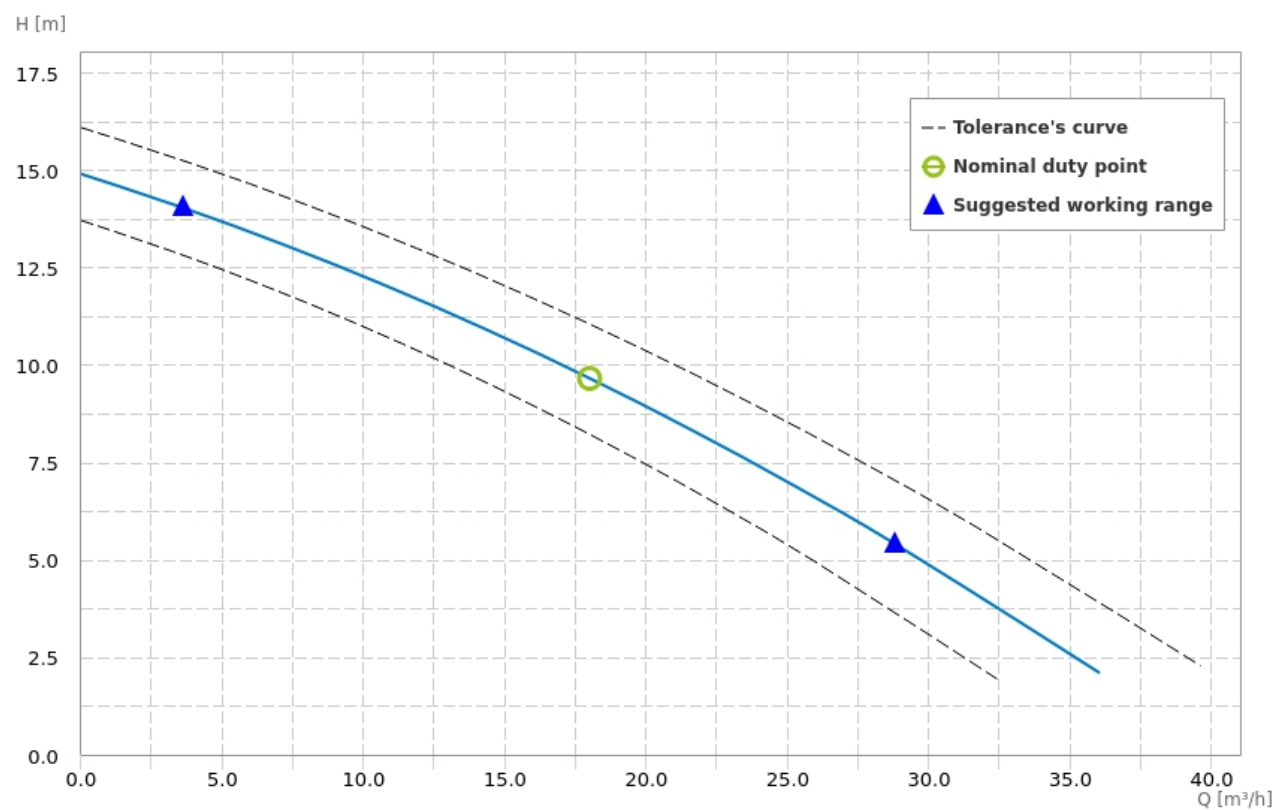
Pump:	Cast Iron EN 1561 EN-GJL-200
Impeller:	Cast iron EN 1561 EN-GJL-200
Motor shaft:	Stainless steel AISI 420
Cooling Jacket:	Not available
Screw:	Stainless steel A2-70
Cable:	H07RN8F

**Pumped Liquid**

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

**Installation**

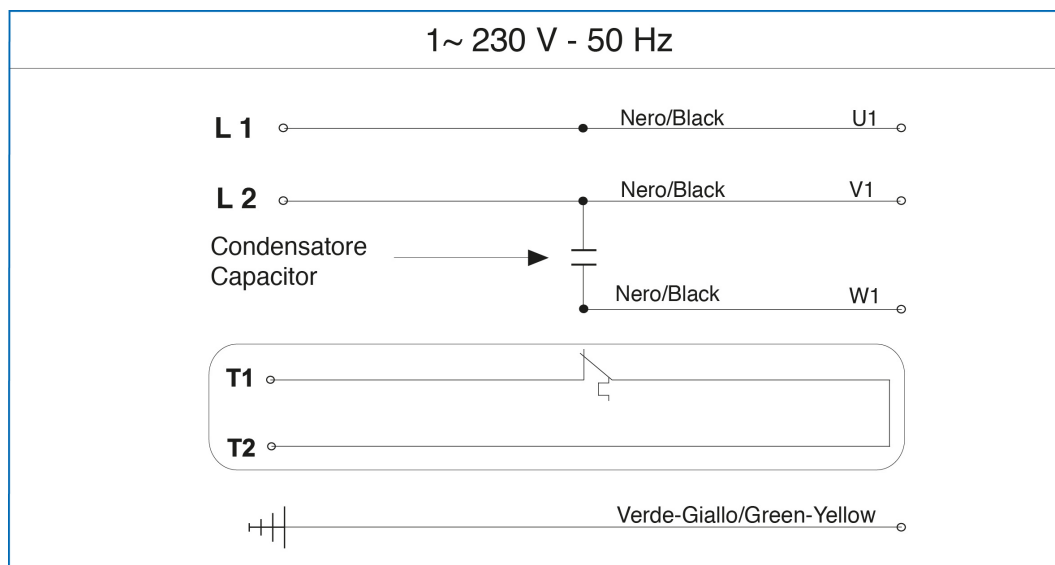
Maximum depth of immersion [m]:	20
Cooling Type:	The cooling of the motor is ensured by the surrounding liquid
Installation:	Vertical/Horizontal
Floating on board machine:	not present



## Motor

Motor code:	3520200210
Power P1 [kW]:	2.10
Power P2 [kW]:	1.50
Phases:	1
Frequency [Hz]:	50
Tension [V]:	230
Nominal current [A]:	9.6
Starting current [%]:	442.0
Power Factor:	0.95
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μF]:	40.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	79.00
Max Efficiency at full load [%]:	78.7
Efficiency at ¾ load [%]:	76.2
Efficiency at ½ load [%]:	75.0
Efficiency class:	-

## Wiring diagrams



## Dimensions drawing

