

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



Attention: pictures for illustrative purposes

Hydraulic

Impeller Type: -
 Delivery DN [mm]: G 2"
 Input DN [mm]: 50
 Free Passage [mm]: 50
 Impeller Ø [mm]: 110
 Max Pump Efficiency [%]: 0.0
 Global Efficiency [%]: 27.33
 Head [m]: 9.65
 Flow [m³/h]: 18.00

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]: 0.00

Materials

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

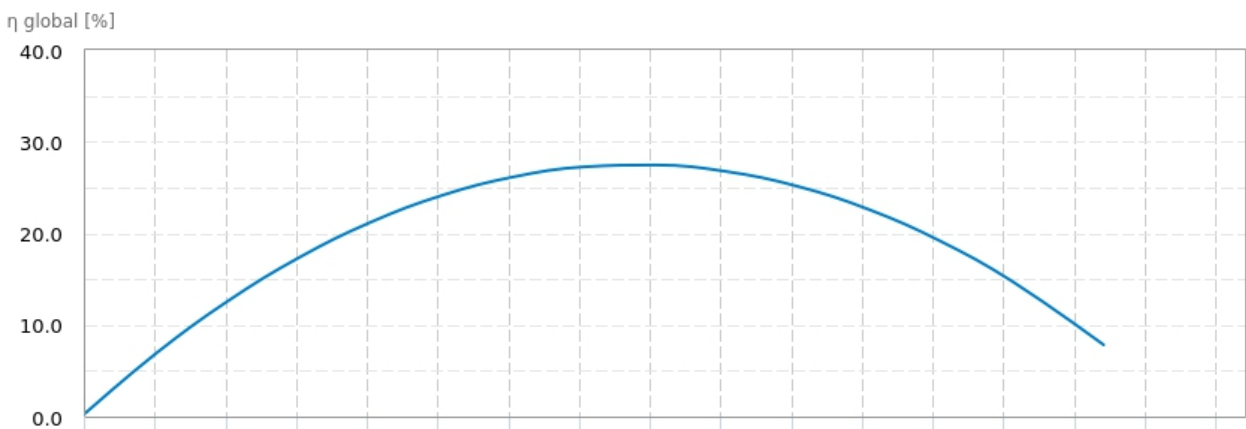
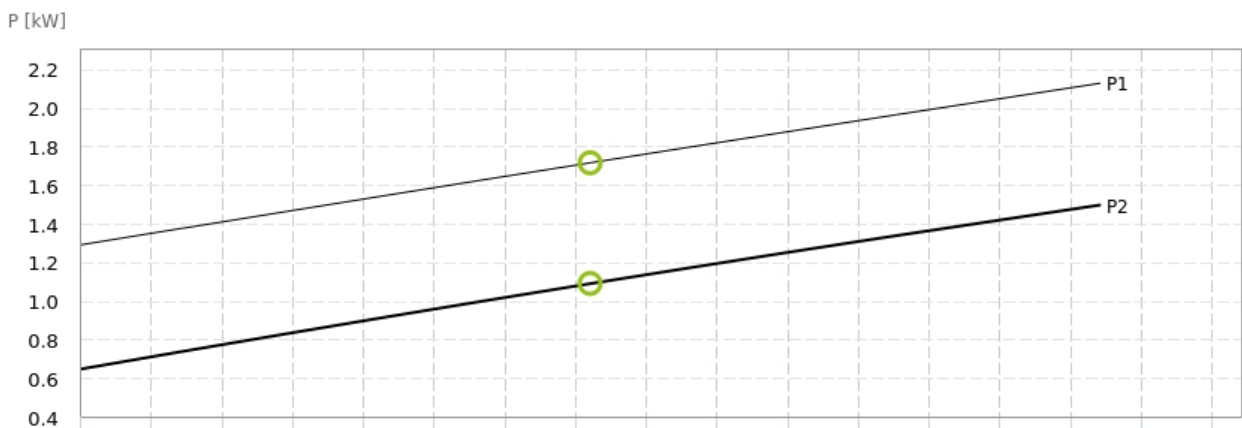
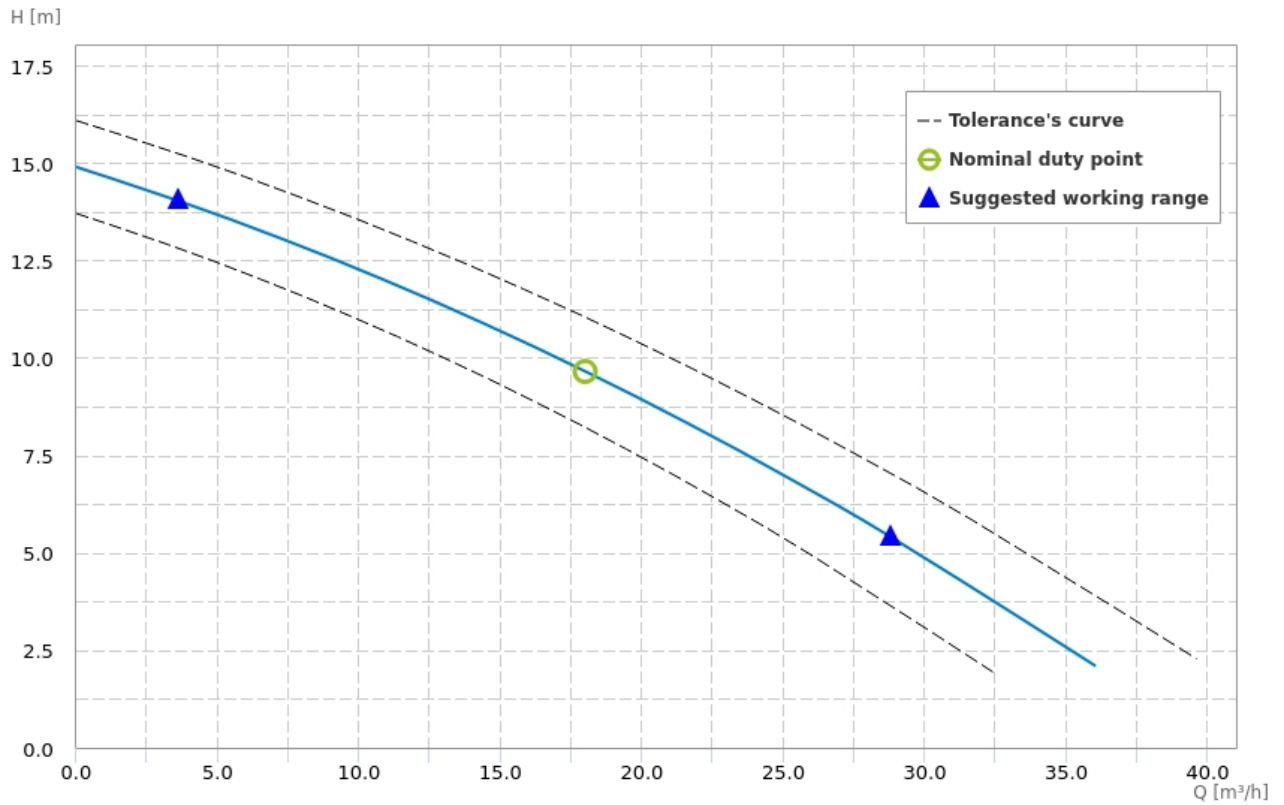
Pumped Liquid

Pumped Liquid: Sewage

Density [Kg/dm ³]:	1.1
pH:	2023-10-06
Temperature Range:	0-40°C

Installation

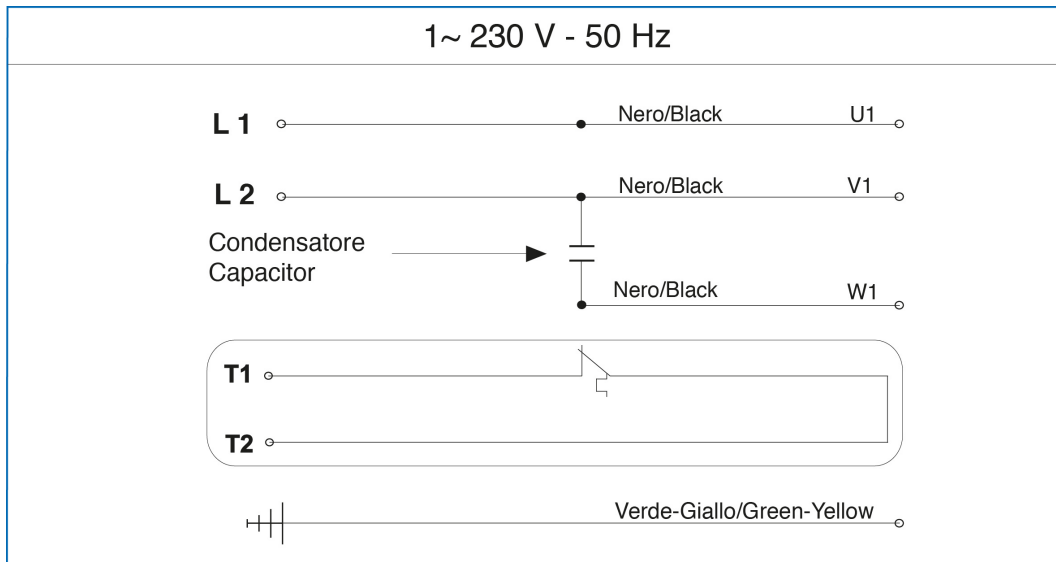
Maximum depth of immersion [m]:	20
Cooling Type:	The cooling of the motor is ensured by the surrounding liquid
Installation:	
Floating on board machine:	not present



Motor

Motor code:	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 [%]:	75.0
Efficiency at ½ load [%]:	76.2
Efficiency class:	-

Wiring diagrams



Dimensions drawing

