

General Data

Model:	COMPATTA 22 M
Code:	2000020
Series:	Compatta
Weight [Kg]	18.00
Submersible pump for sewage with suspended solids	

Hydraulic

Impeller Type:	-
Delivery DN [mm]:	G 2"
Input DN [mm]:	50
Free Passage [mm]:	40
Impeller Ø [mm]:	96
Max Pump Efficiency [%]:	0.0
Global Efficiency [%]:	0.15
Head [m]:	3.88
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

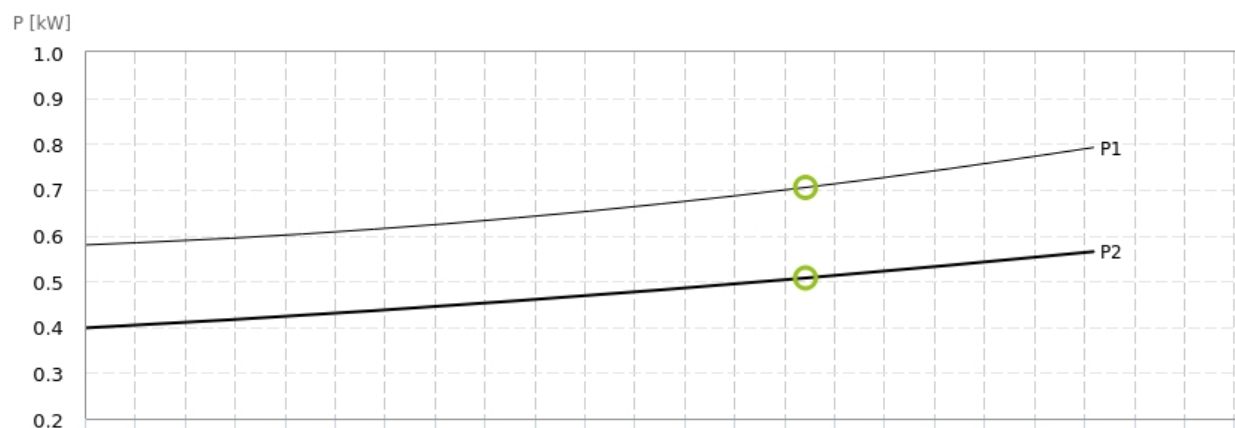
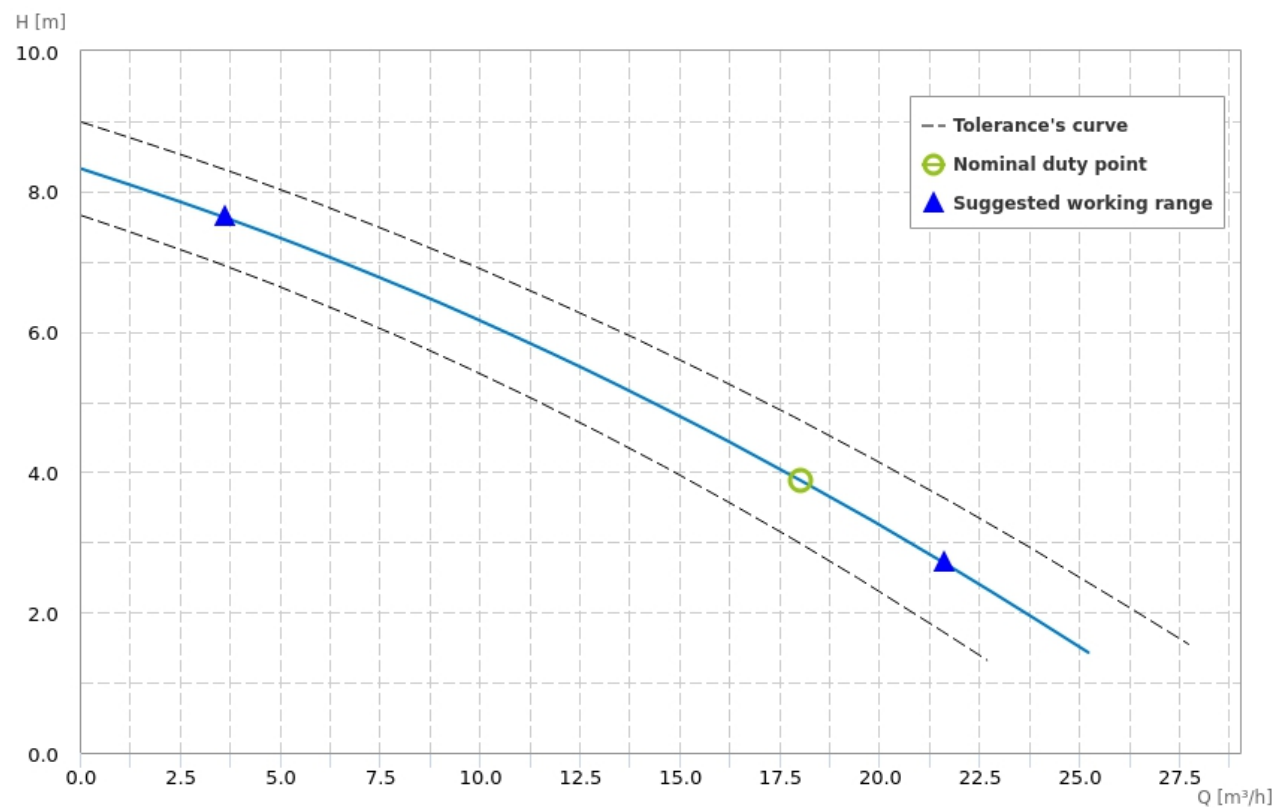
Pumped Liquid:	Sewage
Density [Kg/dm³]:	1.1
pH:	2023-10-06
Temperature Range:	0-40°C

Installation

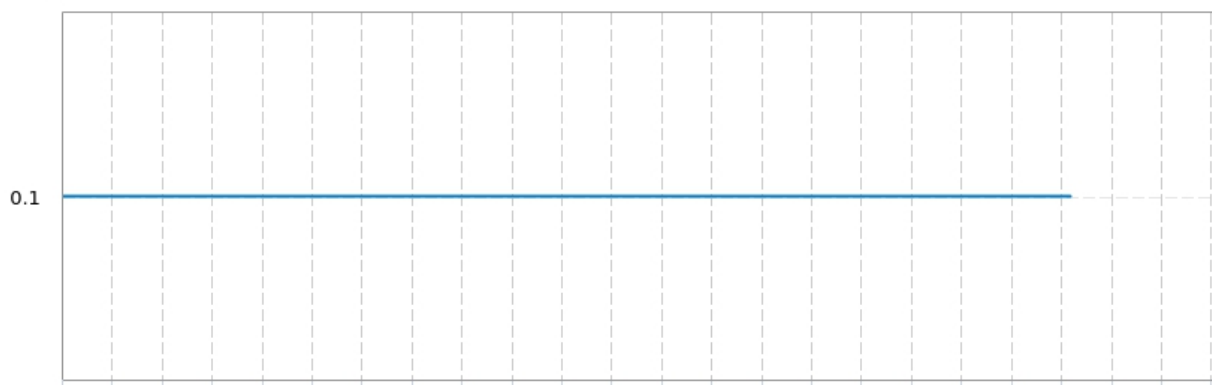
Maximum depth of immersion [m]:	20
Cooling Type:	The cooling of the motor is ensured by the surrounding liquid
Installation:	
Floating on board machine:	not present



Attention: pictures for illustrative purposes

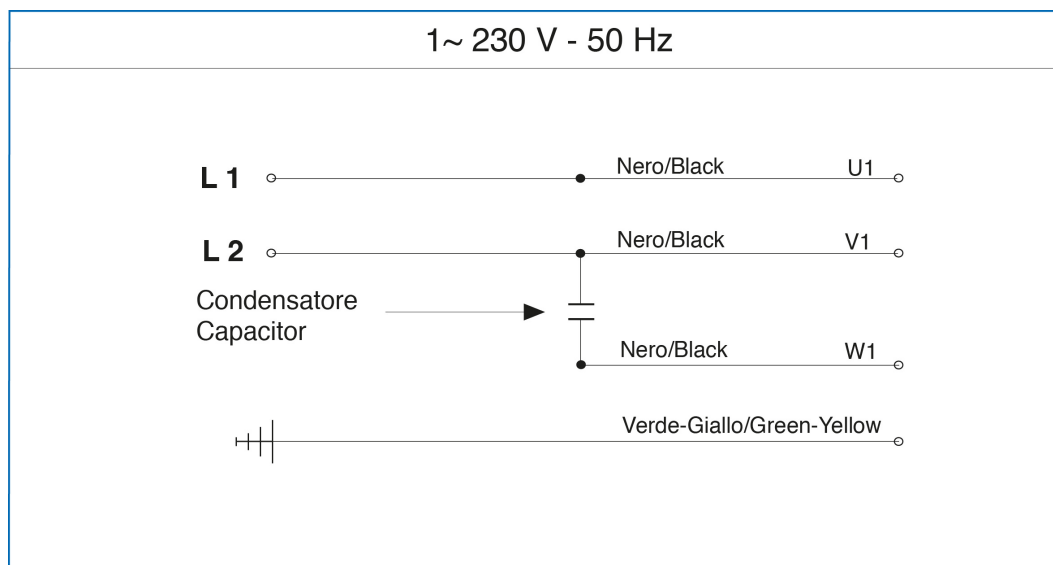


η global [%]



Motor

Motor code:	3520120210
Power P1 [kW]:	0.79
Power P2 [kW]:	0.56
Phases:	1
Frequency [Hz]:	50
Tension [V]:	230
Nominal current [A]:	3.6
Starting current [%]:	334.0
Power Factor:	0.94
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μ F]:	16.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	87.40
Max Efficiency at full load [%]:	84.5
Efficiency at $\frac{3}{4}$ load [%]:	86.9
Efficiency at $\frac{1}{2}$ load [%]:	87.2
Efficiency class:	-

Wiring diagrams

Dimensions drawing

