

General Data

Model:	COMPATTA EVO 3 M/G
Code:	2001024
Series:	Compatta
Weight [Kg]	18.50
Submersible pump for sewage with suspended solids	

Hydraulic

Impeller Type:	-
Delivery DN [mm]:	G 1"1/2
Input DN [mm]:	40
Free Passage [mm]:	35
Impeller Ø [mm]:	104
Max Pump Efficiency [%]:	0.0
Global Efficiency [%]:	22.92
Head [m]:	7.07
Flow [m³/h]:	9.00

Tolerance according to ISO 9906:2012 3B2

Features

Upper Meccanical seal:	CA/CE/Viton
Lower Meccanical Seal:	SIC/SIC/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:	Q8 WF15
Oil Quantity [Kg]:	0.24

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

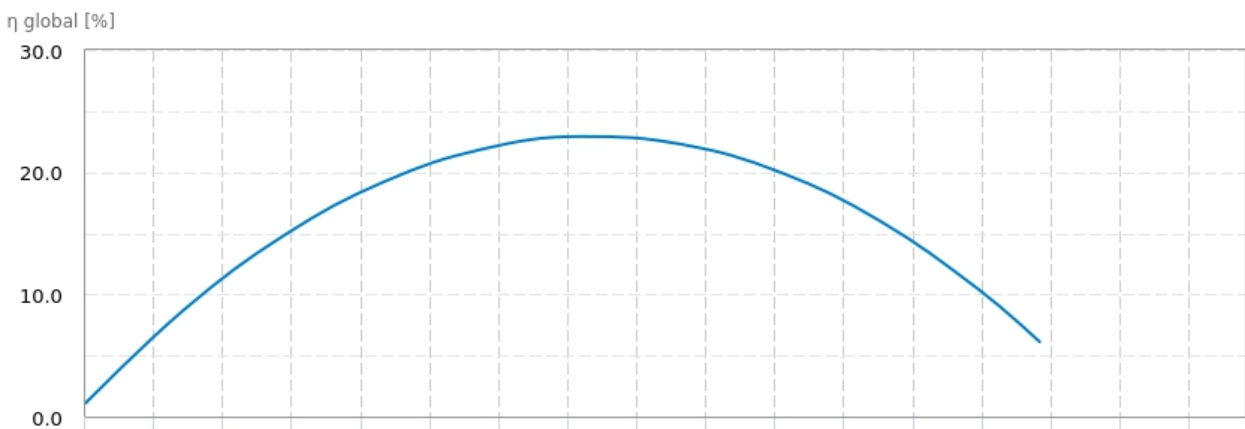
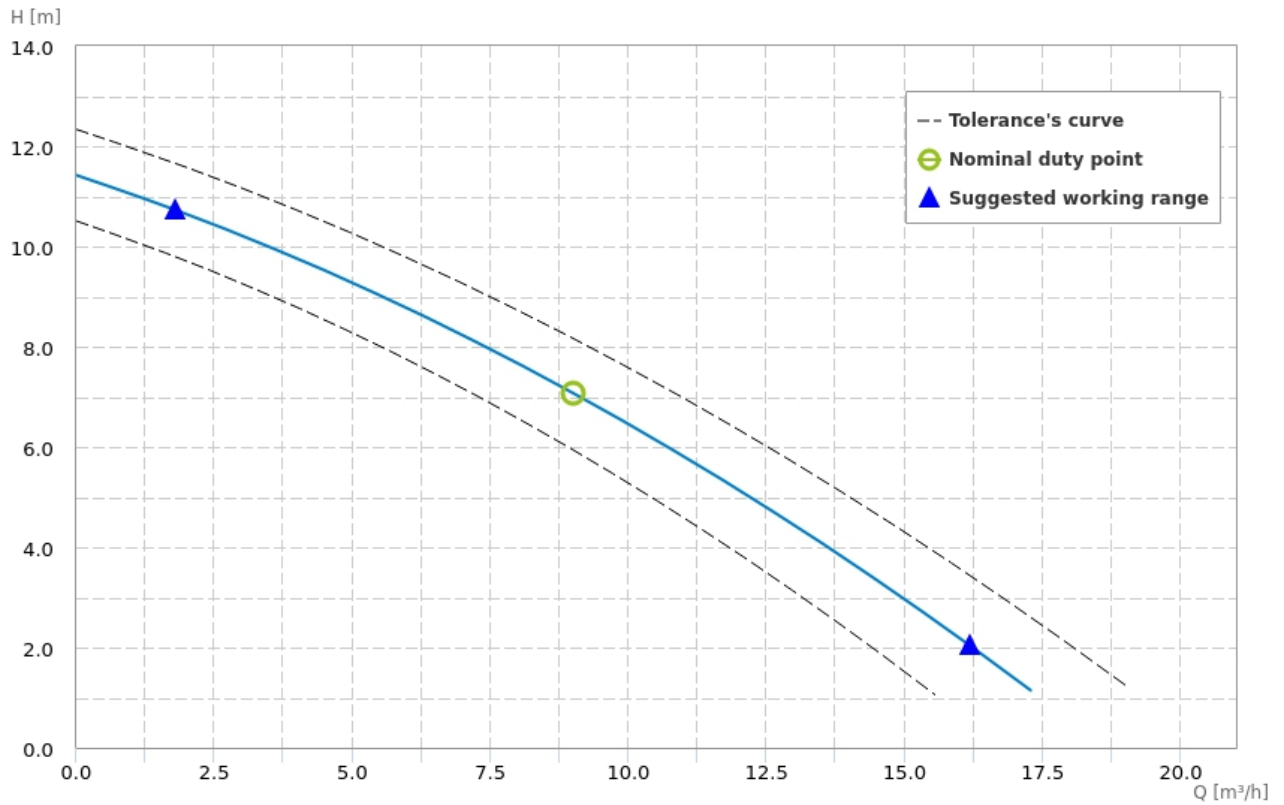


Attention: pictures for illustrative purposes

pH: 2023-10-06
Temperature Range: 0-40°C

Installation

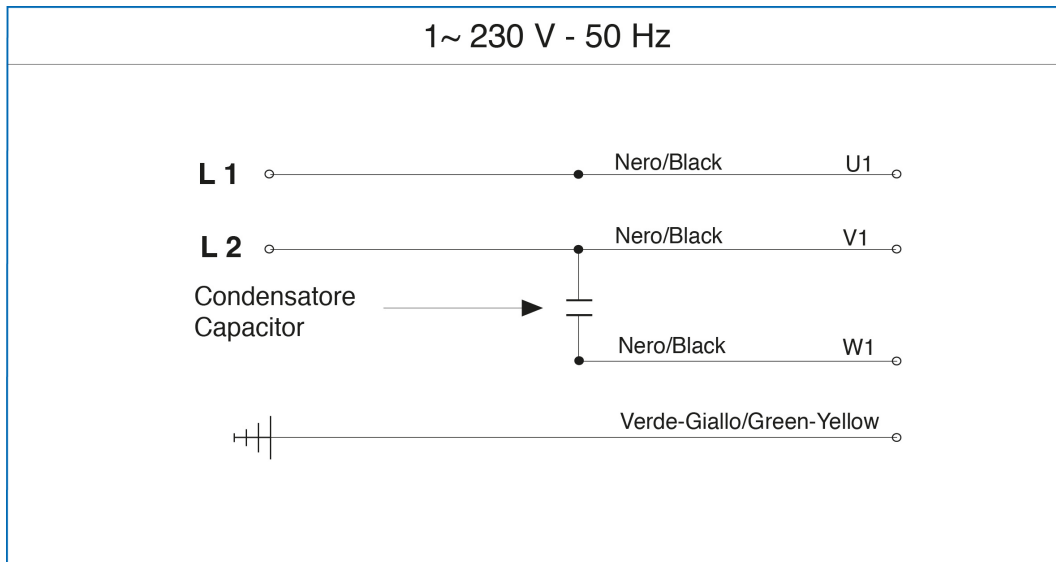
Maximum depth of immersion [m]: 20
Cooling Type: The cooling of the motor is ensured by the surrounding liquid
Installation:
Floating on board machine: present



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 [µF]:	20.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	88.10
Max Efficiency at full load [%]:	83.0
Efficiency at ¾ load [%]:	87.8
Efficiency at ½ load [%]:	87.1
Efficiency class:	-

Wiring diagrams



Dimensions drawing

