

**General Data**

Model: GX 50-2/090 M/G  
 Code: 2004002S  
 Series: GX  
 Weight [Kg]: 24.00  
 Submersible eletropumps for sewage with an inbuilt macerator in the inlet



Attention: pictures for illustrative purposes

**Hydraulic**

Impeller Type: -  
 Delivery DN [mm]: G 2"  
 Input DN [mm]: -  
 Free Passage [mm]: -  
 Impeller Ø [mm]: 133  
 Max Pump Efficiency [%]: 0.0  
 Global Efficiency [%]: 1.89  
 Head [m]: 9.58  
 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: Q8 WF15  
 Oil Quantity [Kg]: 0.00

**Materials**

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

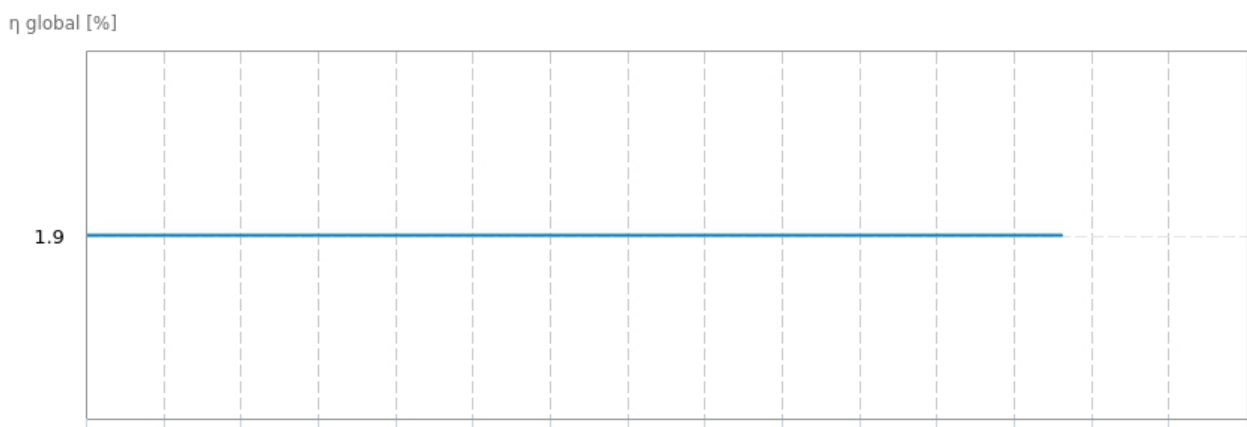
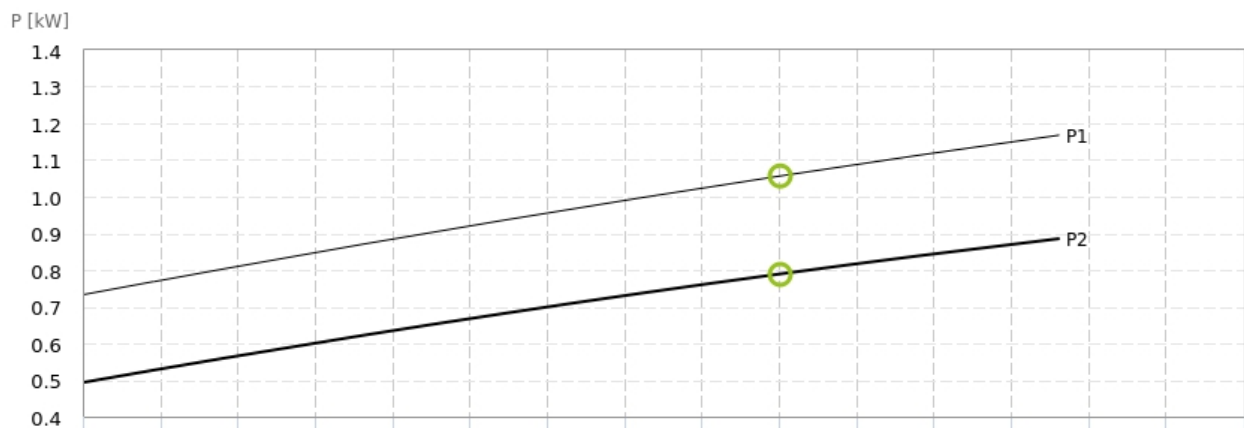
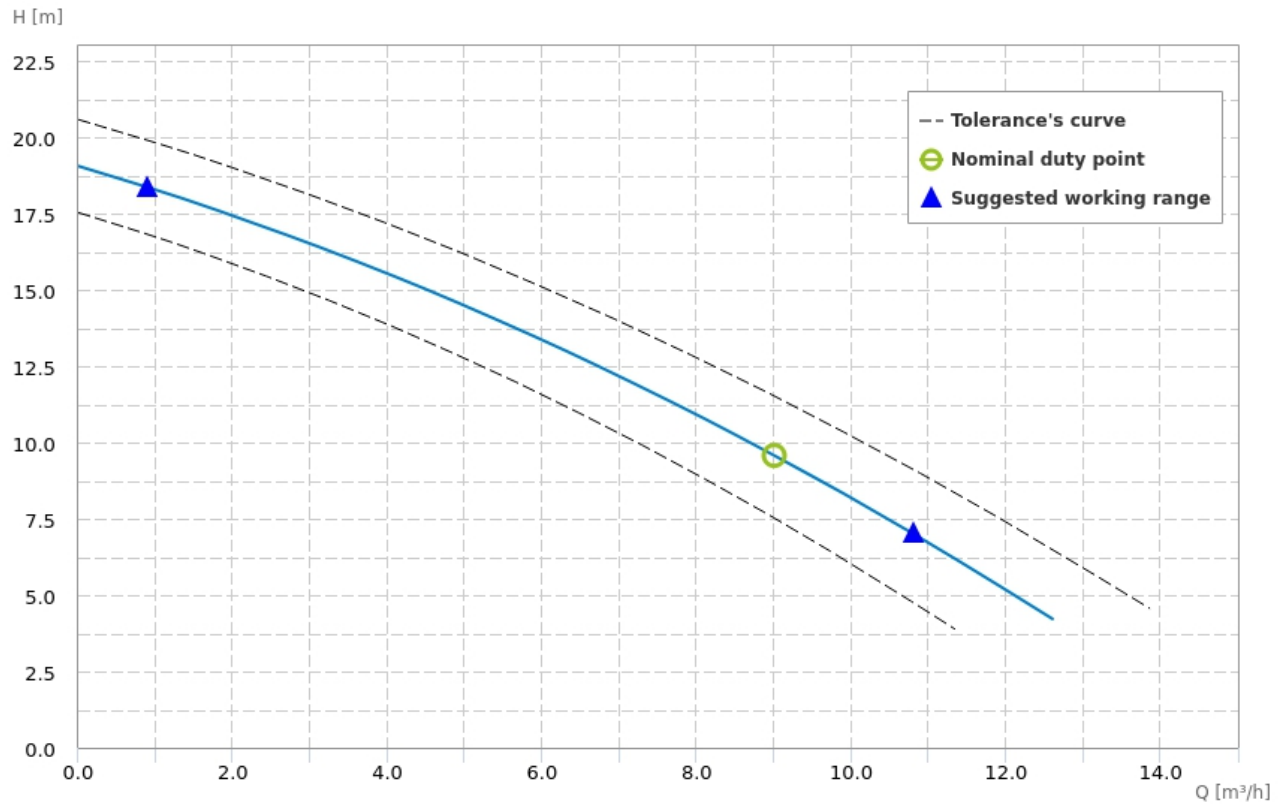
**Pumped Liquid**

Pumped Liquid: Light and lightly sewage

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

### **Installation**

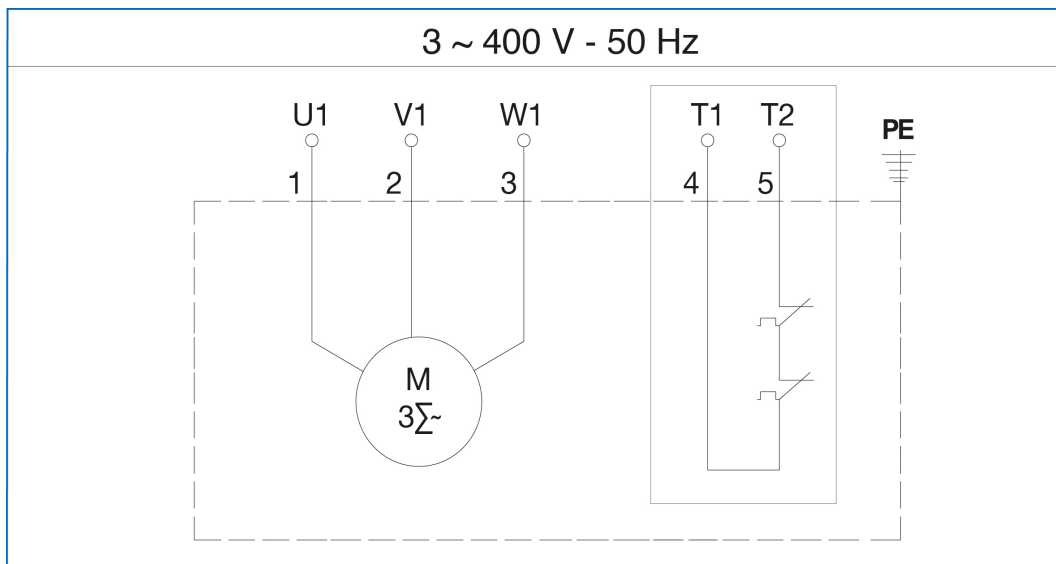
Maximum depth of immersion [m]:	20
Cooling Type:	The cooling of the motor is ensured by the surrounding liquid
Installation:	
Floating on board machine:	not present



**Motor**

Motor code:	3520160210
Power P1 [kW]:	1.20
Power P2 [kW]:	0.90
Phases:	1
Frequency [Hz]:	50
Tension [V]:	230
Nominal current [A]:	2.3
Starting current [%]:	308.0
Power Factor:	0.77
R.P.M.:	2850
Starting:	D.O.L
Capacitor [µF]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	74.80
Max Efficiency at full load [%]:	72.8
Efficiency at ¾ load [%]:	70.5
Efficiency at ½ load [%]:	71.1
Efficiency class:	-

**Wiring diagrams**



**Dimensions drawing**

