

General Data

Model:	GX 50-2/090 T
Code:	2004004
Series:	GX
Weight [Kg]	25.00
Submersible eletropumps for sewage with an inbuilt macerator in the inlet	

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 [%]:	0.68
Head [m]:	9.58
Flow [m ³ /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
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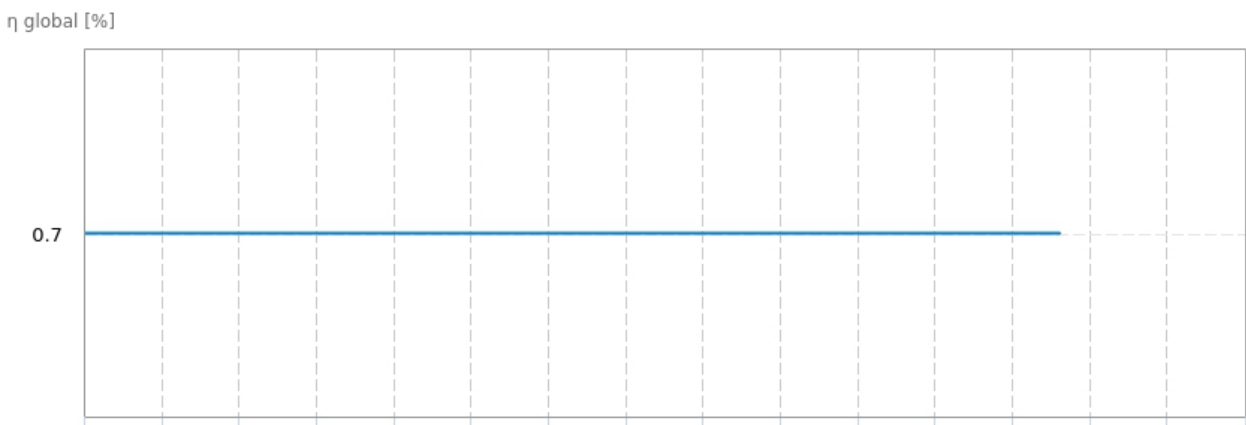
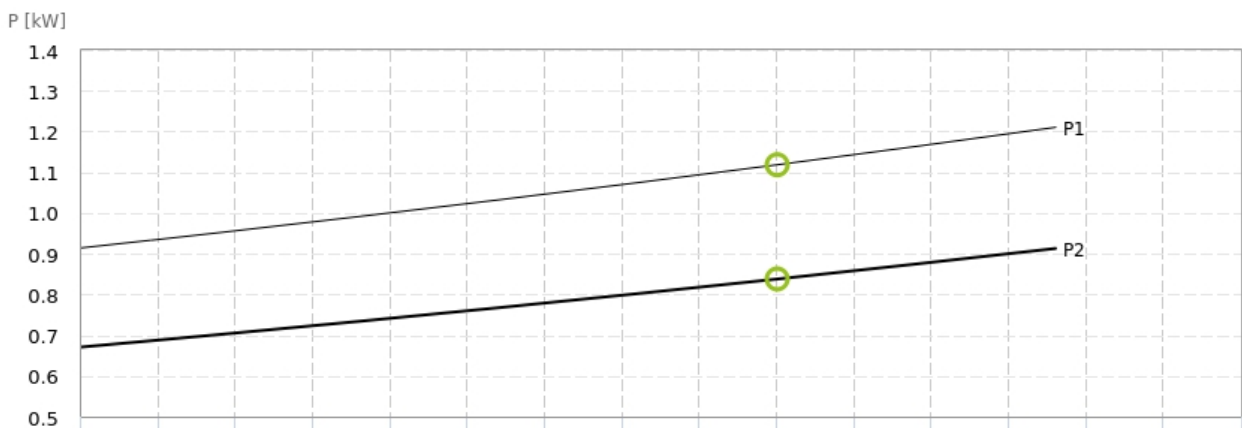
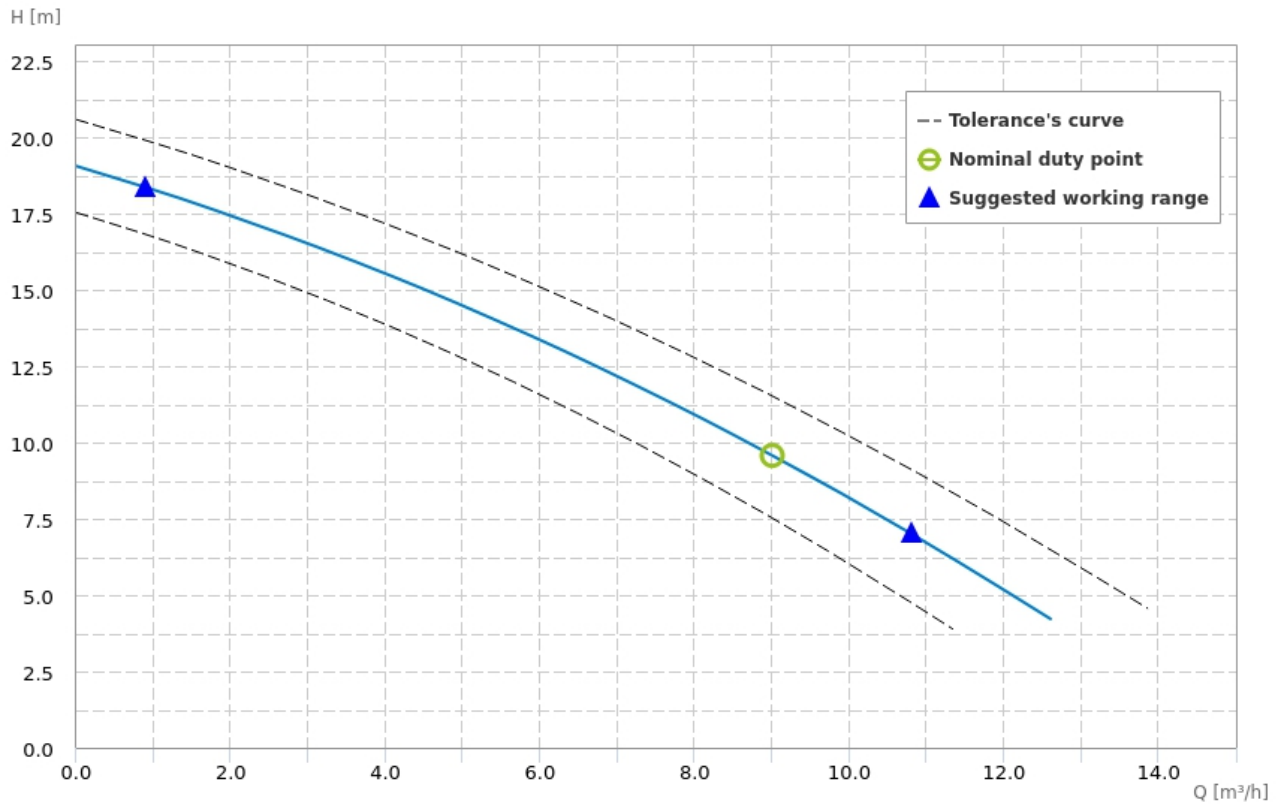


Attention: pictures for illustrative purposes

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

Installation

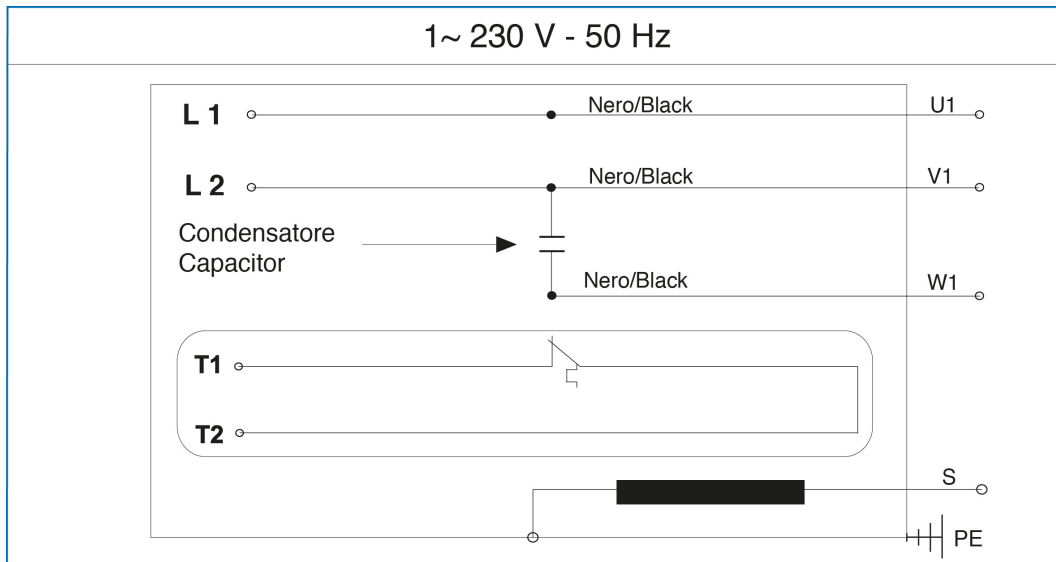
Maximum depth of immersion [m]: 20
Cooling Type: The cooling of the motor is ensured by the surrounding liquid
Installation:
Floating on board machine: not present



Motor

Motor code:	3520160420
Power P1 [kW]:	1.20
Power P2 [kW]:	0.90
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	5.5
Starting current [%]:	518.0
Power Factor:	0.96
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μF]:	25.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	79.70
Max Efficiency at full load [%]:	74.0
Efficiency at ¾ load [%]:	72.5
Efficiency at ½ load [%]:	74.8
Efficiency class:	-

Wiring diagrams



Dimensions drawing

