

General Data

Model: GX 50-2/220 T
 Code: 2000051
 Series: GX
 Weight [Kg]: 0.0
 Submersible eletropumps for sewage with an inbuilt macerator in the inlet

Hydraulic

Impeller Type: -
 Delivery DN [mm]: DN 32 - G 2"
 Input DN [mm]: -
 Free Passage [mm]: -
 Impeller Ø [mm]: -
 Max Pump Efficiency [%]: 0.0
 Global Efficiency [%]: -0.76
 Head [m]: 18.20
 Flow [m³/h]: 12.12

Tolerance according to ISO 9906:2012 3B2



Attention: pictures for illustrative purposes

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

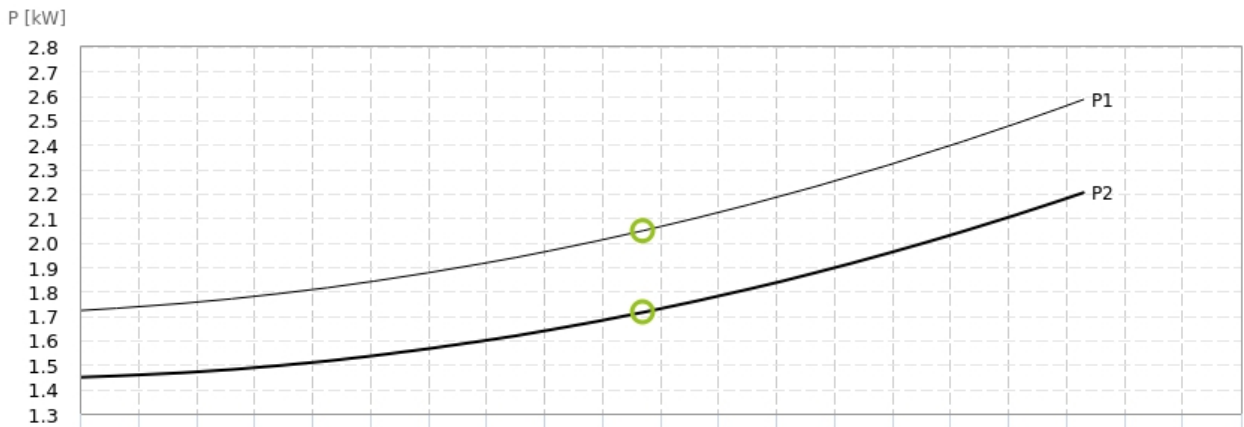
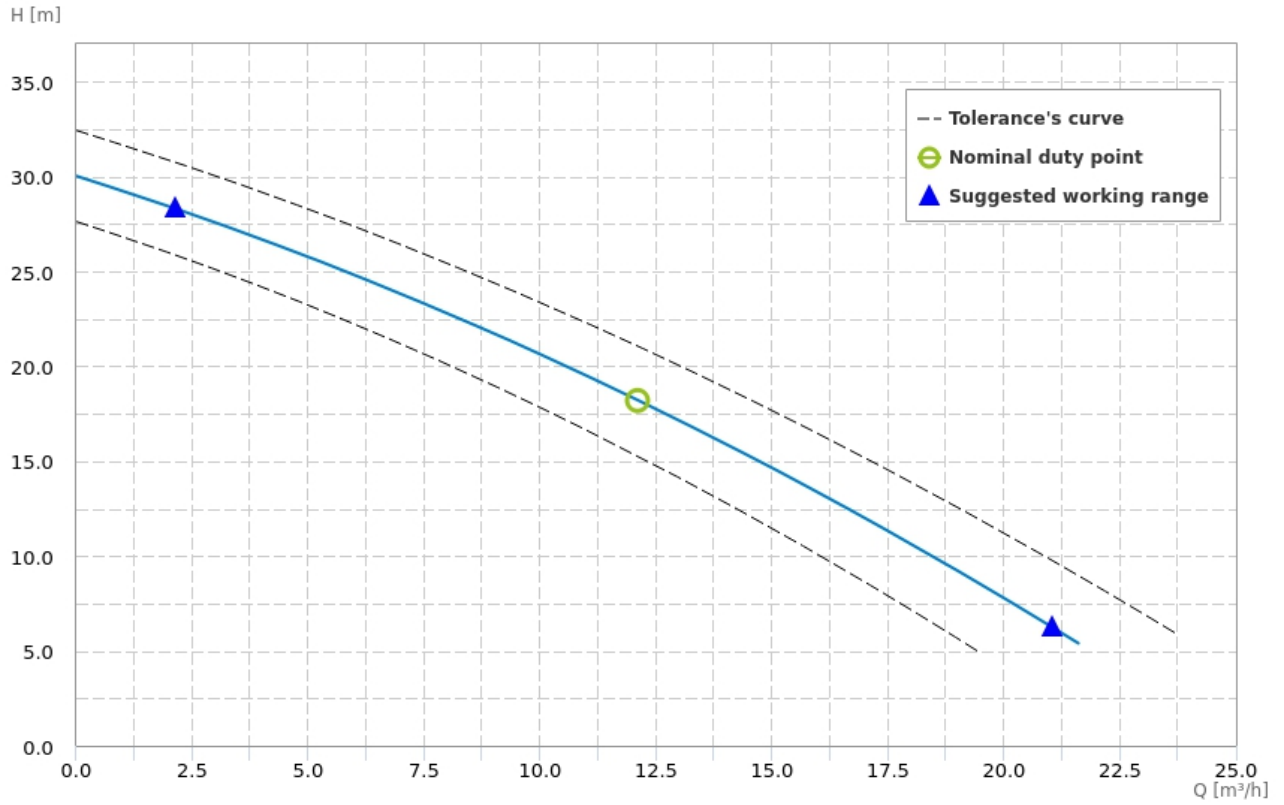
Pumped Liquid

Pumped Liquid: Light and lightly sewage

Density [Kg/dm 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



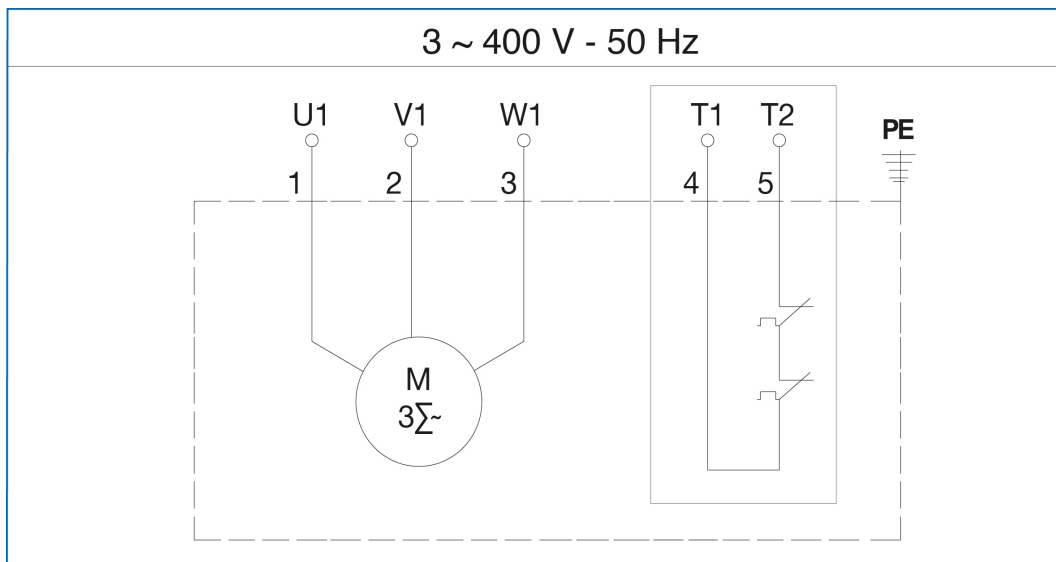
η global [%]



Motor

Motor code:	3520200215
Power P1 [kW]:	2.53
Power P2 [kW]:	2.20
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	5.2
Starting current [%]:	546.0
Power Factor:	0.80
R.P.M.:	2850
Starting:	D.O.L
Capacitor [µF]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	85.90
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

