

General Data

Model:	GRIX 32-2/090 T/G
Code:	2001586
Series:	GRIX
Weight [Kg]	21.00

Submersible eletropumps for sewage with an inbuilt macerator in the inlet

Hydraulic

Impeller Type:	-
Delivery DN [mm]:	G 1"1/4 DN32 PN6
Input DN [mm]:	-
Free Passage [mm]:	-
Impeller Ø [mm]:	135
Max Pump Efficiency [%]:	0.0
Global Efficiency [%]:	0.78
Head [m]:	13.29
Flow [m³/h]:	5.40

Tolerance according to ISO 9906:2012 3B2



Attention: pictures for illustrative purposes

Features

Upper Mechanical seal:	ND Tenuta_Meccanica_Sup
Lower Mechanical Seal:	ND Tenuta_Meccanica_Inf
Upper Bearing:	ND Cuscinetto_Sup
Lower Bearing:	ND Cuscinetto_Inf
IP Protection:	ND Classe_Protezione
Motor protection:	present
Humidity sensor:	present
ATEX:	II 2G Ex db IIB T4 Gb - Ex h IIB T4 Gb 0°C <= Ta <= +40°C
Applied Paint:	ND Vernice_Applicata
Cable Length [m]:	ND Lunghezza_Cavo
Lubricating Oil:	Q8 WF15
Oil Quantity [Kg]:	0.40

Materials

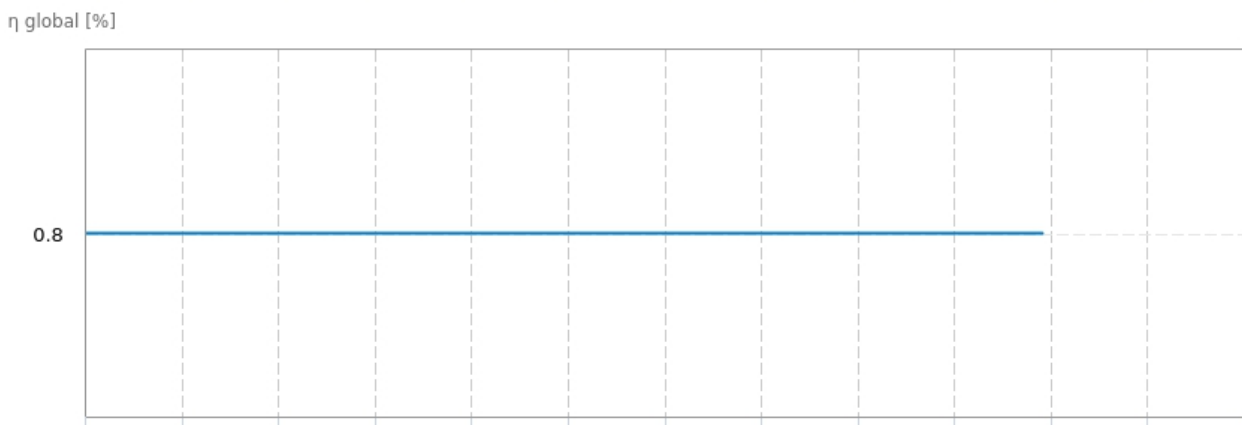
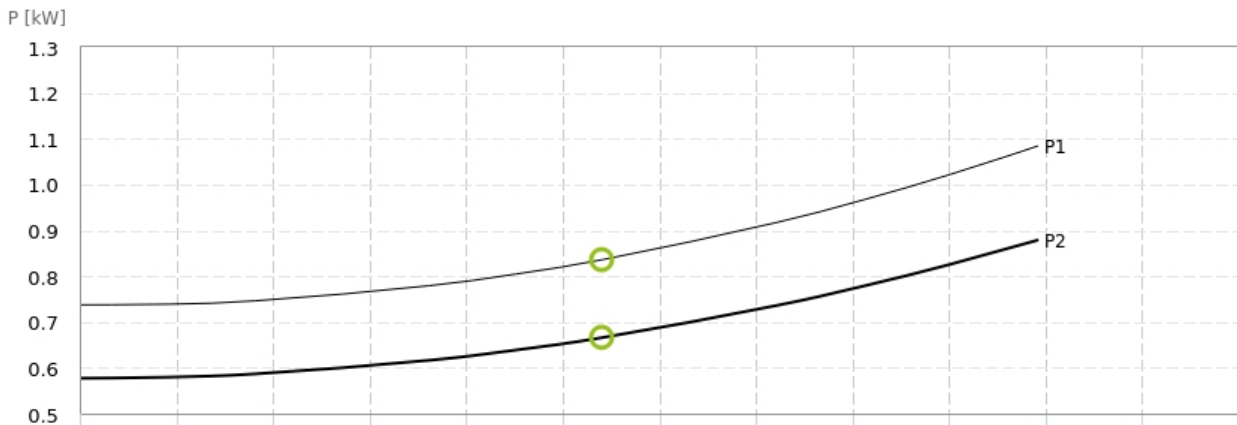
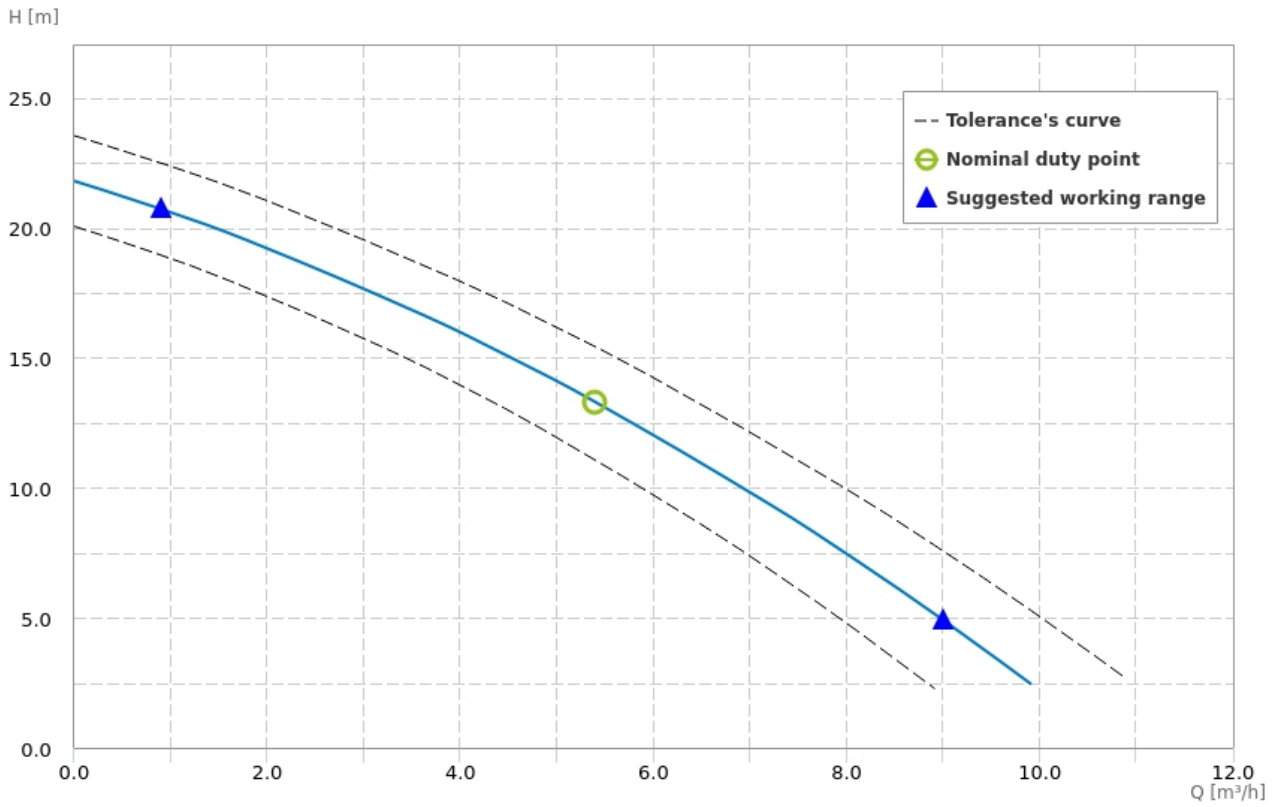
Pump:	-
Impeller:	-
Motor shaft:	-
Cooling Jacket:	Not available
Screw:	Stainless steel A2-70
Cable:	ND Tipo_Cavo

Pumped Liquid

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

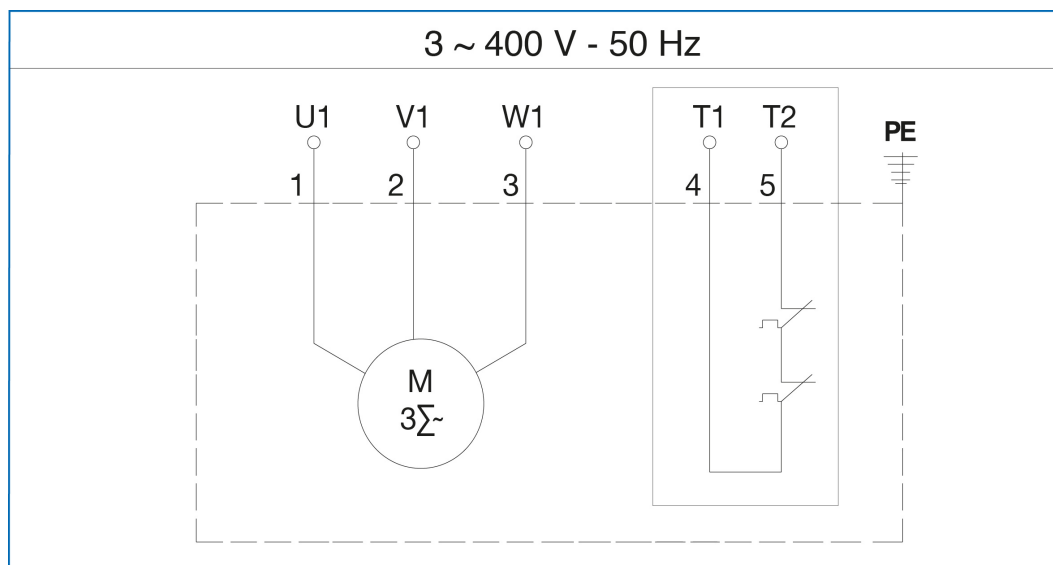
Installation

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



Motor

Motor code:	3520140215
Power P1 [kW]:	1.10
Power P2 [kW]:	0.90
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	2.1
Starting current [%]:	458.0
Power Factor:	0.69
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μ F]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	72.20
Max Efficiency at full load [%]:	71.5
Efficiency at $\frac{3}{4}$ load [%]:	69.3
Efficiency at $\frac{1}{2}$ load [%]:	70.4
Efficiency class:	-

Wiring diagrams

Dimensions drawing

