

General Data

Model: GRIX 32-2/090 M

 Code:
 2001580

 Series:
 GRIX

 Weight [Kg]
 21.50

Submersible eletropumps for sewage with an inbuilt maceratorin the inlet

Hydraulic

Impeller Type: Grinder

Delivery DN [mm]: G 1"1/4 DN32 PN6

 Input DN [mm]:

 Free Passage [mm]:

 Impeller Ø [mm]:
 135

 Max Pump Efficiency [%]:
 19.50

 Global Efficiency [%]:
 16.7

 Head [m]:
 13.29

 Flow [m³/h]:
 5.40

Tollerance according to ISO 9906:2012 3B2



Attention: pictures for illustrative purposes

Features

Upper Meccanical seal: Lips seal

Lower Meccanical Seal:

Upper Bearing:

Silicon carbide/Ceramic/Viton
Single raw ball bearing
Single raw ball bearing

IP Protection:

Motor protection:

Humidity sensor:

ATEX:

IP68

present

not present

not present

Applied Paint: Two component water-based paint

Cable Length [m]: 10
Lubricating Oil: Q8 WF15
Oil Quantity [Kg]: 0.40

Materials

Pump: Cast Iron EN 1561 EN-GJL-200 Impeller: Cast iron EN 1561 EN-GJL-200

Motor shaft: Stainless steel AISI 420

Cooling Jacket: Not available

Screw: Stainless steel A2-70

Cable: H07RN8F

Pumped Liquid

Pumped Liquid: Light and lightly sewage

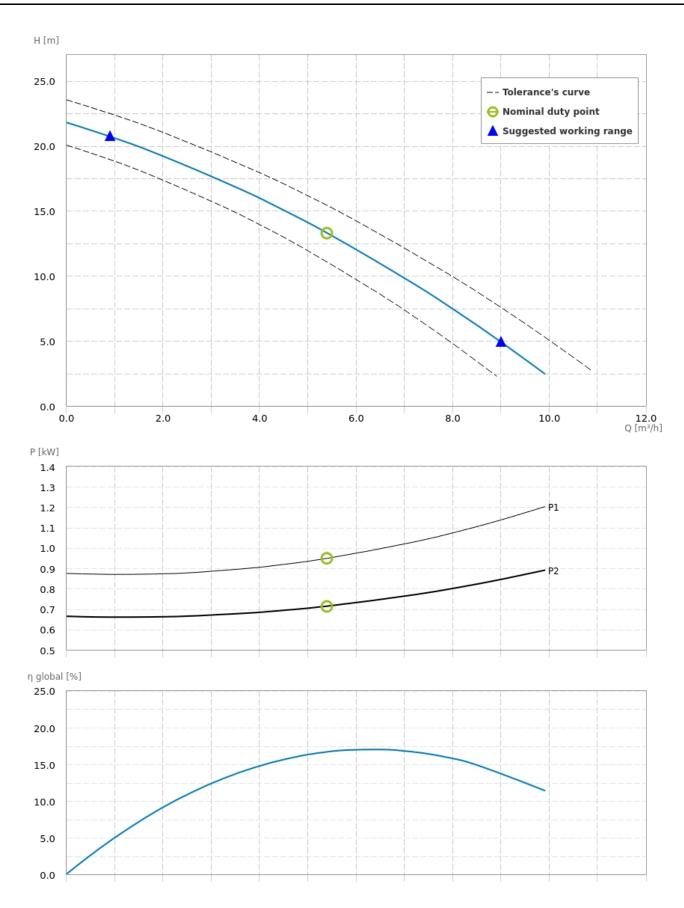
Density [Kg/dm³]: 1.1 pH: 6-10 Temperature Range: 0-40°C

Installation

Maximum depth of immersion [m]: 20

Cooling Type: The cooling of the motor is ensured by the surrounding liquid

Installation: Vertical Floating on board machine: vertical not present

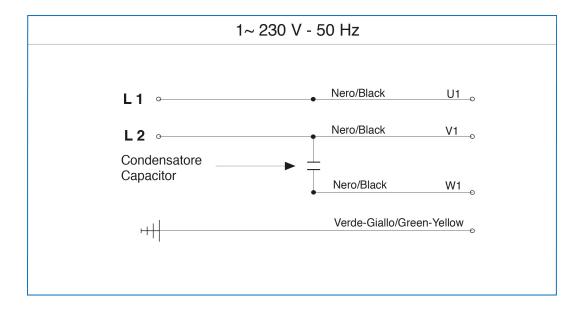




Motor

Motor code:	3520140210
Power P1 [kW]:	1.20
Power P2 [kW]:	0.90
Phases:	1
Frequency [Hz]:	50
Tension [V]:	230
Nominal current [A]:	5.0
Starting current [%]:	356.0
Power Factor:	0.98
R.P.M.:	2850
Starting:	D.O.L
Capacitor [µF]:	25.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	88.10
Max Efficiency at full load [%]:	83.0
Efficiency at ¾ load [%]:	85.4
Efficiency at ½ load [%]:	85.9
Efficiency class:	-

Wiring diagrams





Dimensions drawing

