

General Data

Model:GRIX 32-2/090 M/GCode:2001582Series:GRIXWeight [Kg]21.50Submersible eletropumps for sewage with an inbuilt maceratorin the inlet

Hydraulic

Impeller Type: Delivery DN [mm]: Input DN [mm]: Free Passage [mm]: Impeller Ø [mm]: Max Pump Efficiency [%]: Global Efficiency [%]: Head [m]: Flow [m³/h]: *Tollerance according to ISO 9906:2012 3B2*

Features

Upper Meccanical seal: Lower Meccanical Seal: Upper Bearing: Lower Bearing: IP Protection: Motor protection: Humidity sensor: ATEX: Applied Paint: Cable Length [m]: Lubricating Oil: Oil Quantity [Kg]:

Materials

Pump: Impeller: Motor shaft: Cooling Jacket: Screw: Cable:

Pumped Liquid

Pumped Liquid: Density [Kg/dm³]: pH: Temperature Range:

Installation

Maximum depth of immersion [m]: Cooling Type: Installation: Floating on board machine: Grinder G 1"1/4 DN32 PN6 --135 19.50 16.7 13.29 5.40

Lips seal Silicon carbide/Ceramic/Viton Single raw ball bearing Single raw ball bearing IP68 not present not present Two component water-based paint 10 Q8 WF15 0.40

Cast Iron EN 1561 EN-GJL-200 Cast iron EN 1561 EN-GJL-200 Stainless steel AISI 420 Not available Stainless steel A2-70 H07RN8F

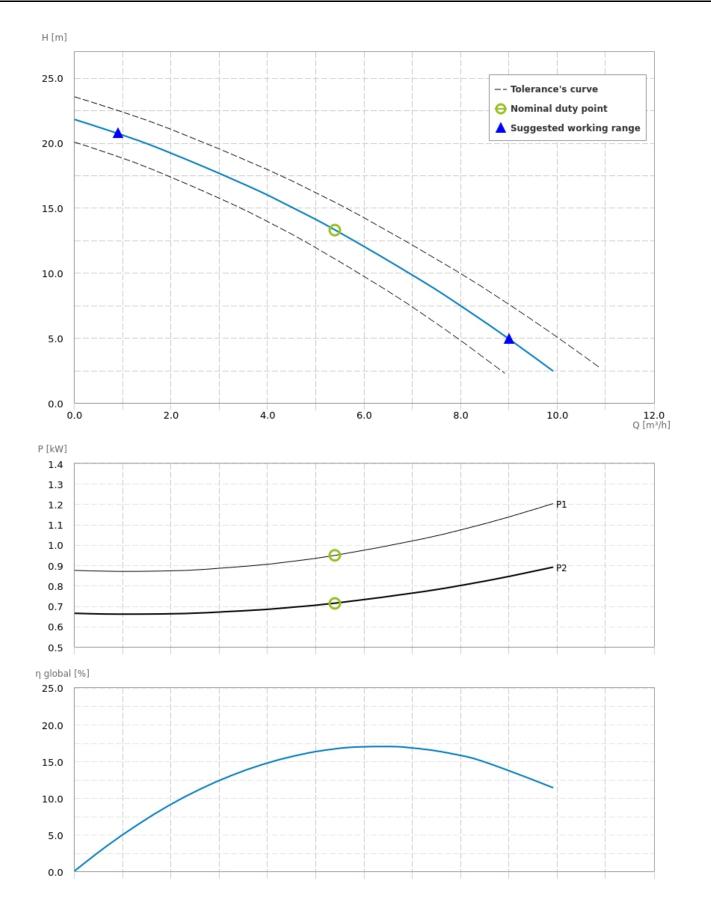
Light and lightly sewage 1.1 6-10 0-40°C

20 The cooling of the motor is ensured by the surrounding liquid Vertical present



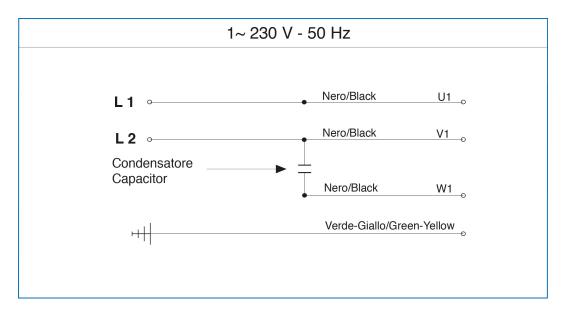
Attention: pictures for illustrative purposes





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 ³ / ₄ load [%]:	85.4
Efficiency at 1/2 load [%]:	85.9
Efficiency class:	-

Wiring diagrams





Dimensions drawing

