

General Data

Model: HT 50/2/125 C.501
 Code: 2000068
 Series: H2
 Weight [Kg]: 36.00
 Submersible eletropumps for wastewater including sewage

Hydraulic

Impeller Type: -
 Delivery DN [mm]: G 2"
 Input DN [mm]: 50
 Free Passage [mm]: 17
 Impeller Ø [mm]: 138
 Max Pump Efficiency [%]: 0.0
 Global Efficiency [%]: 30.9
 Head [m]: 14.92
 Flow [m³/h]: 18.00

Tolerance according to ISO 9906:2012 3B2

Features

Upper Meccanical seal: CA/CE/Viton
 Lower Meccanical Seal: SIC/SIC/Viton
 Upper Bearing: Single raw ball bearing
 Lower Bearing: Double raw ball bearing
 IP Protection: IP68
 Motor protection: present
 Humidity sensor: present
 ATEX: not present
 Applied Paint: Two component water-based paint
 Cable Length [m]: 10
 Lubricating Oil: Q8 WF15
 Oil Quantity [Kg]: 0.60

Materials

Pump: Cast Iron EN 1561 EN-GJL-250
 Impeller: Cast iron EN 1561 EN-GJL-250
 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

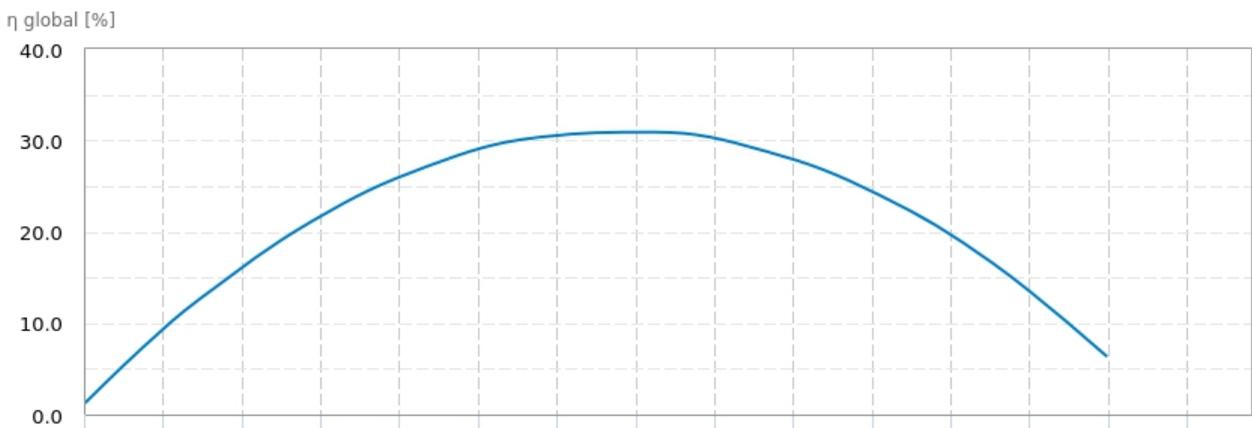
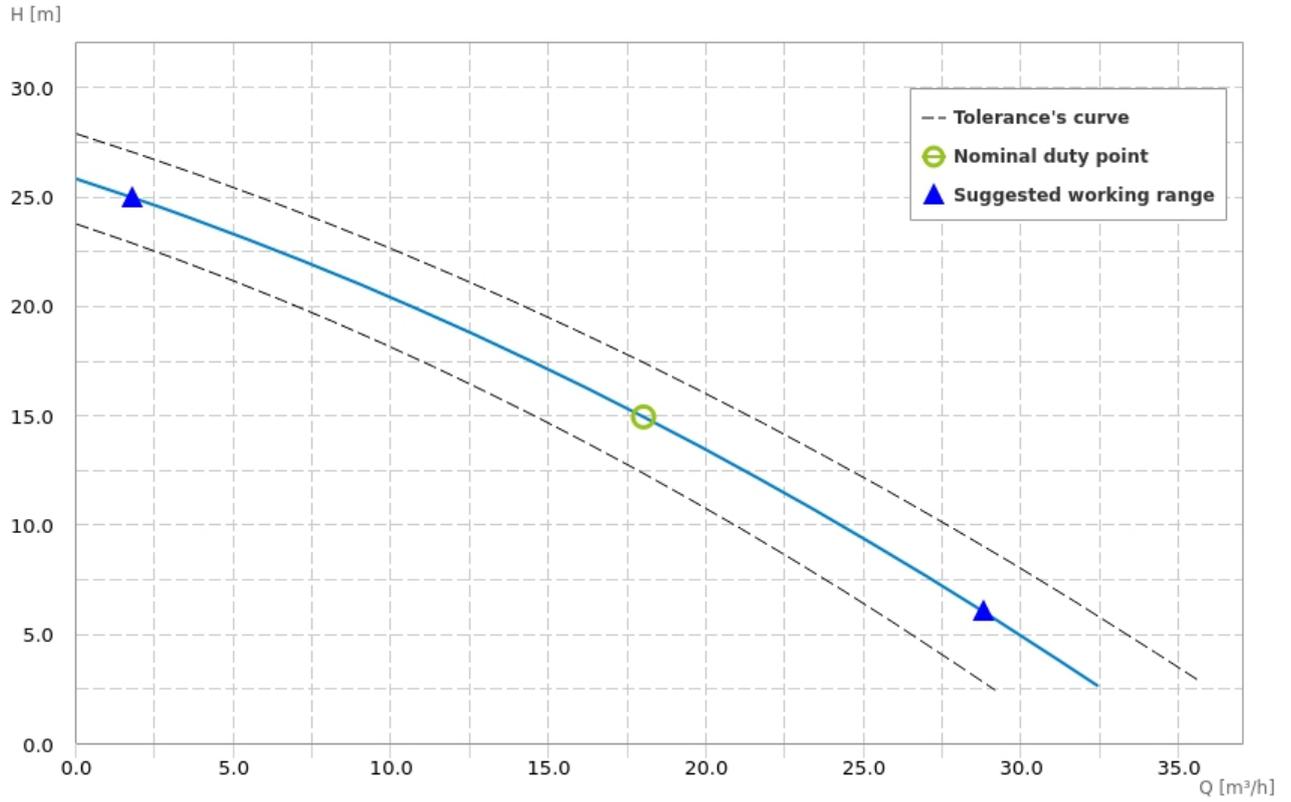


Attention: pictures for illustrative purposes

pH: 2023-10-06
Temperature Range: 0-40°C

Installation

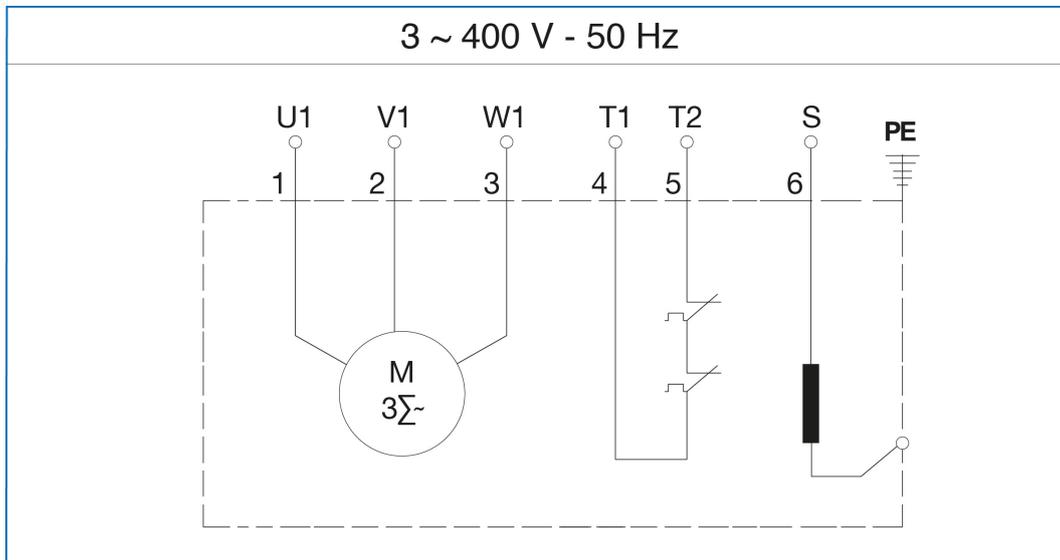
Maximum depth of immersion [m]: 20
Cooling Type: The cooling of the motor is ensured by the surrounding liquid
Installation:
Floating on board machine: not present



Motor

Motor code:	3520360220
Power P1 [kW]:	3.00
Power P2 [kW]:	2.20
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	5.2
Starting current [%]:	902.0
Power Factor:	0.84
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μF]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	76.30
Max Efficiency at full load [%]:	75.9
Efficiency at ¾ load [%]:	75.7
Efficiency at ½ load [%]:	76.2
Efficiency class:	-

Wiring diagrams



Dimensions drawing

