

General Data

Model: HT 65/2/173 C.505
 Code: 2000076
 Series: H2
 Weight [Kg]: 85.00
 Submersible eletropumps for wastewater including sewage

Hydraulic

Impeller Type: -
 Delivery DN [mm]: DN65 PN6
 Input DN [mm]: 65
 Free Passage [mm]: 10
 Impeller Ø [mm]: 191
 Max Pump Efficiency [%]: 0.0
 Global Efficiency [%]: 34.88
 Head [m]: 28.46
 Flow [m³/h]: 36.00

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]: 1.40

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/dm³]: 1.1

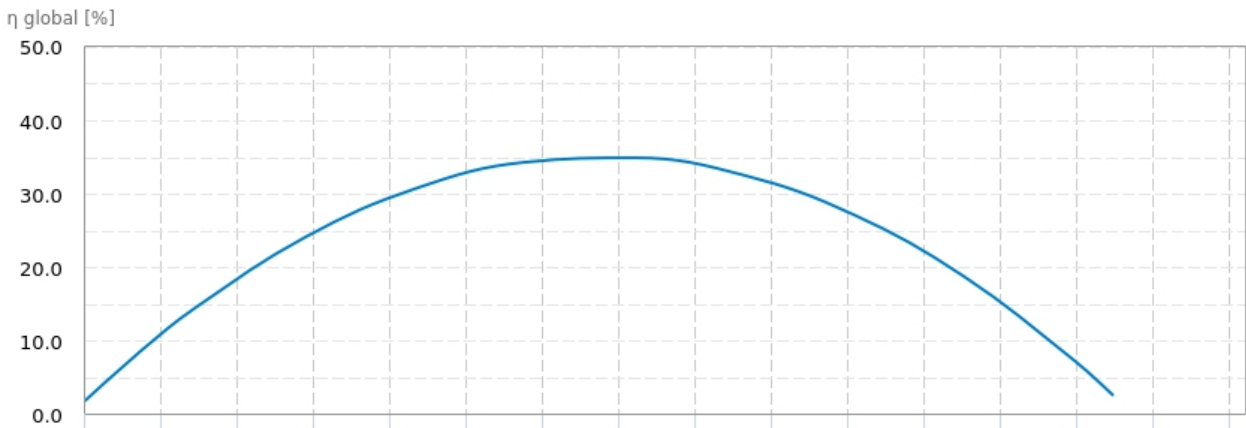
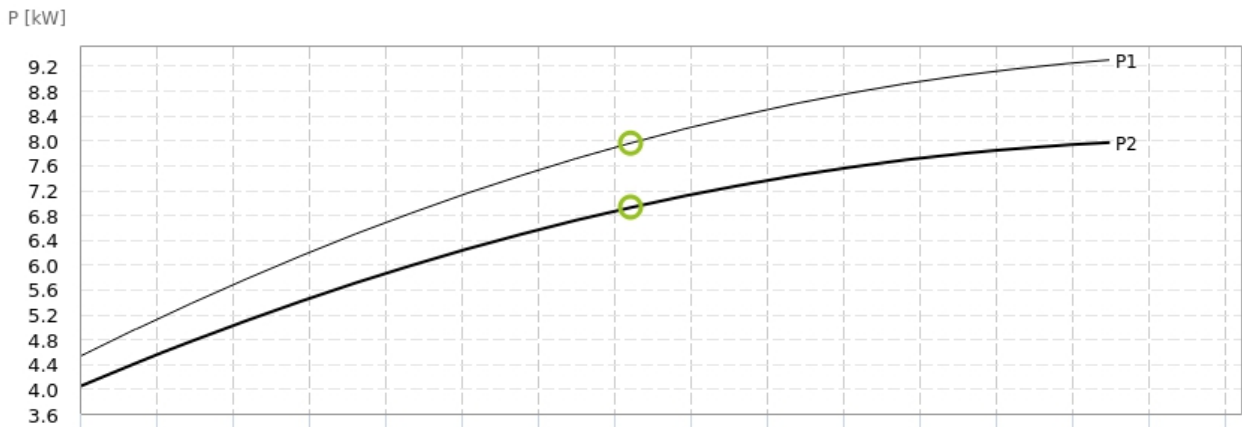
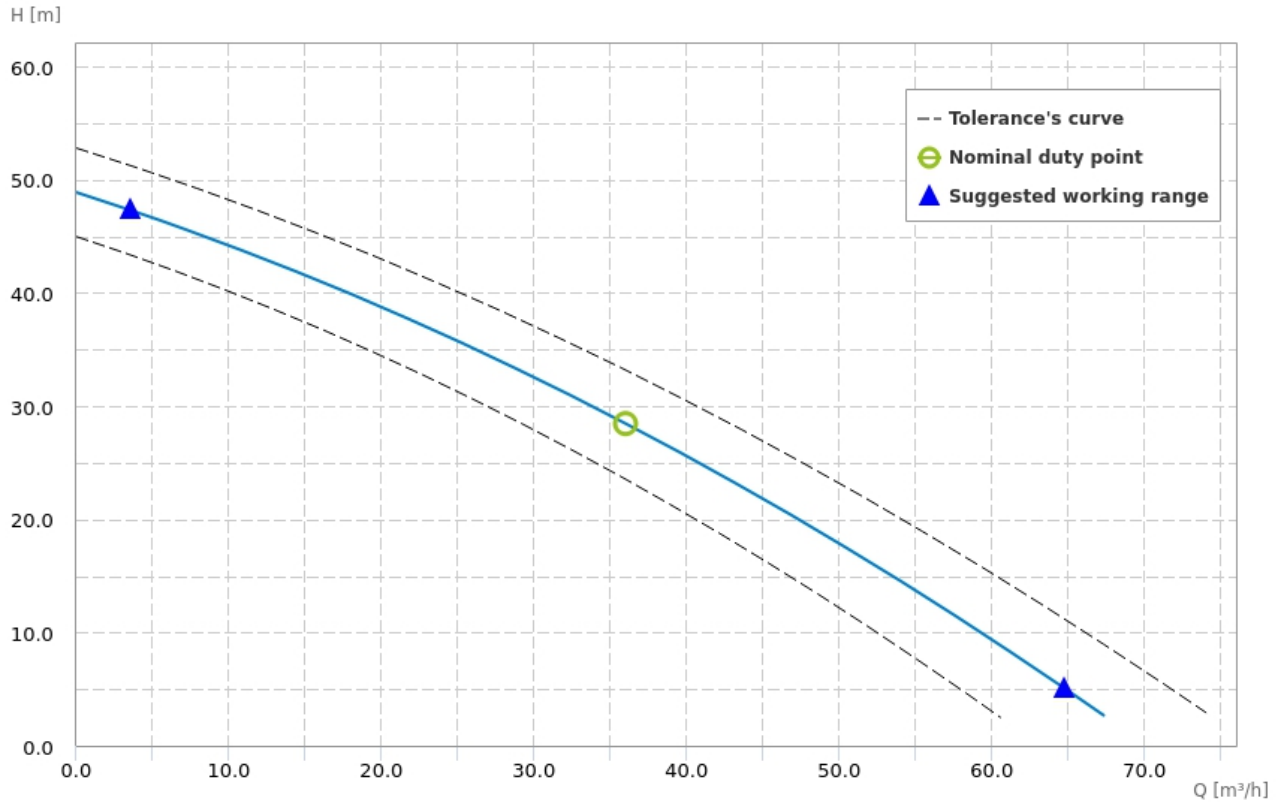


Attention: pictures for illustrative purposes

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

Installation

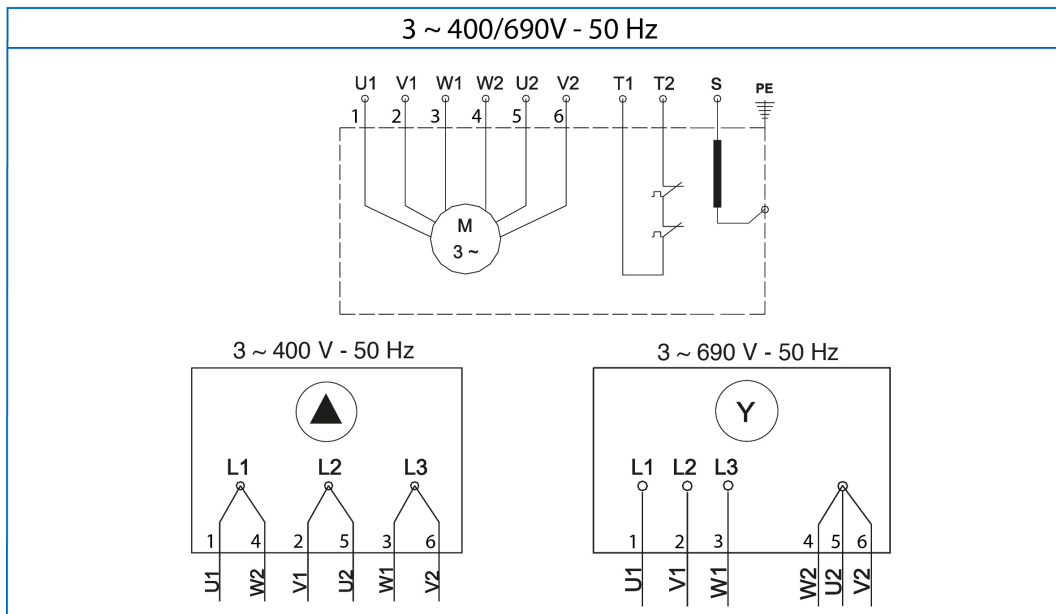
Maximum depth of immersion [m]: 20
Cooling Type: The cooling of the motor is ensured by the surrounding liquid
Installation:
Floating on board machine: not present



Motor

Motor code:	3520740210
Power P1 [kW]:	9.30
Power P2 [kW]:	7.50
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	15.5
Starting current [%]:	609.0
Power Factor:	0.89
R.P.M.:	2850
Starting:	Y-D
Capacitor [μF]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	85.70
Max Efficiency at full load [%]:	84.1
Efficiency at ¾ load [%]:	85.2
Efficiency at ½ load [%]:	84.6
Efficiency class:	IE2

Wiring diagrams



Dimensions drawing

