

General Data

Model: AT 80/2/173 C.259
 Code: 2000135
 Series: A2
 Weight [Kg]: 94.50
 Submersible eletropumps for wastewater including sewage

Hydraulic

Impeller Type: -
 Delivery DN [mm]: DN80 PN16
 Input DN [mm]: 80
 Free Passage [mm]: 65
 Impeller Ø [mm]: -
 Max Pump Efficiency [%]: 0.0
 Global Efficiency [%]: 55.04
 Head [m]: 20.90
 Flow [m³/h]: 86.40

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

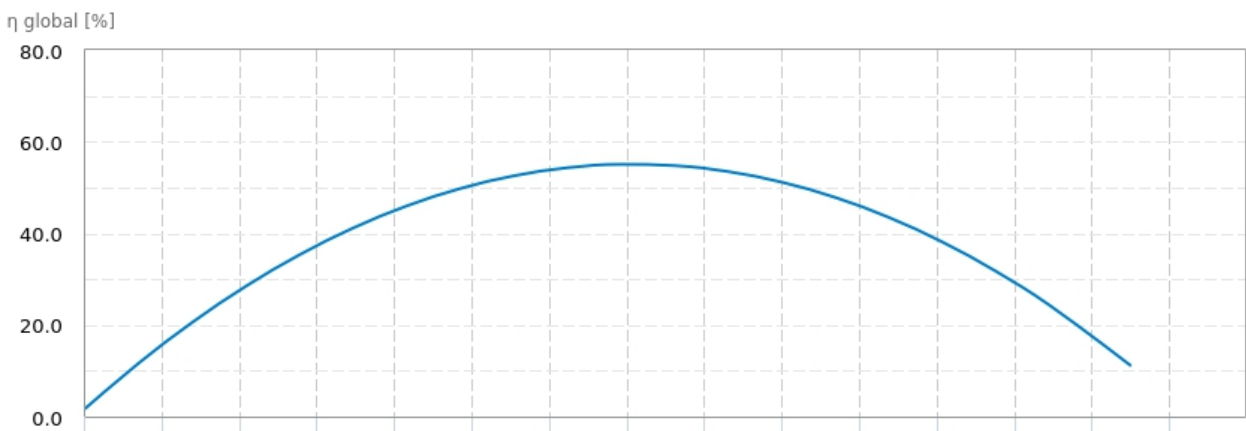
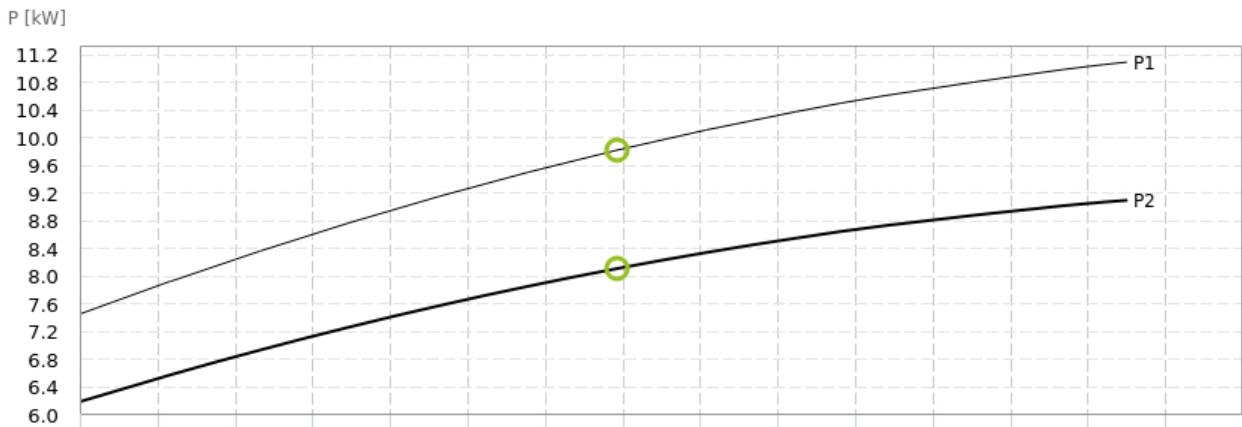
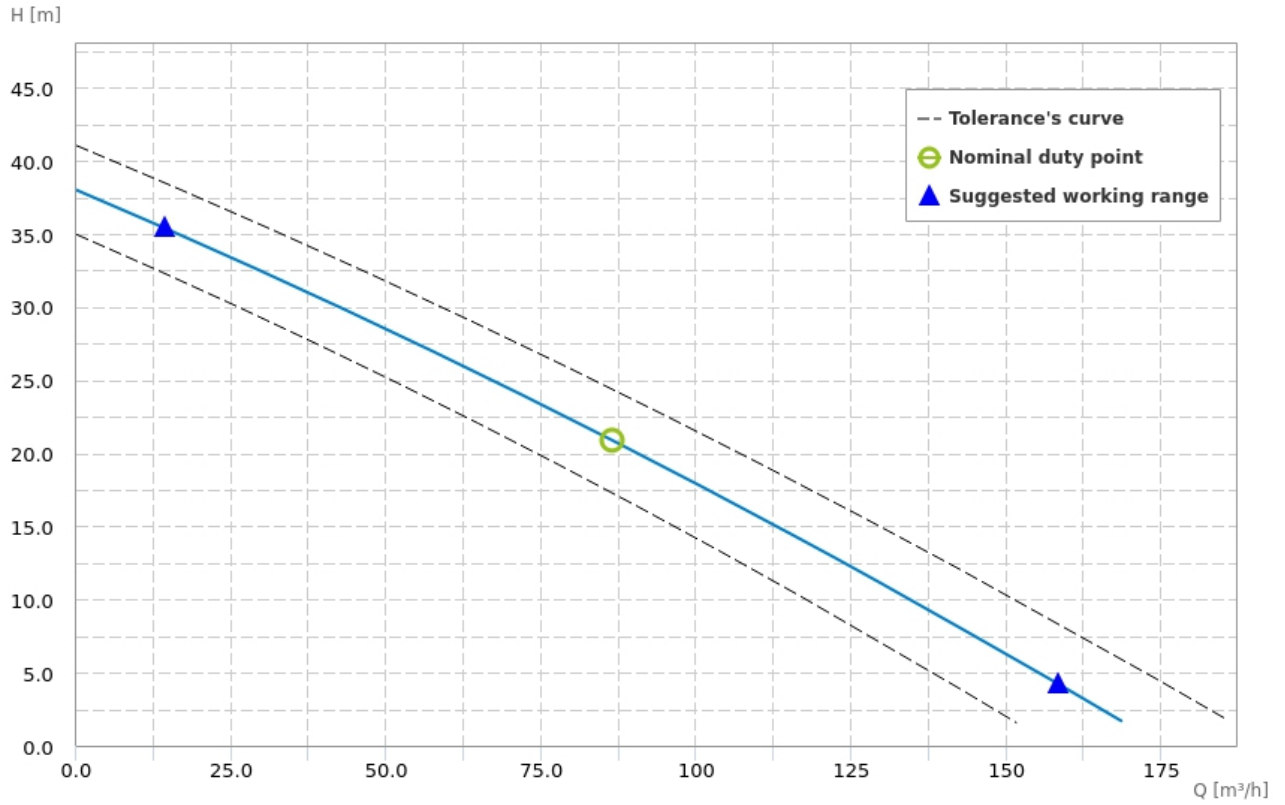


Attention: pictures for illustrative purposes

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

Installation

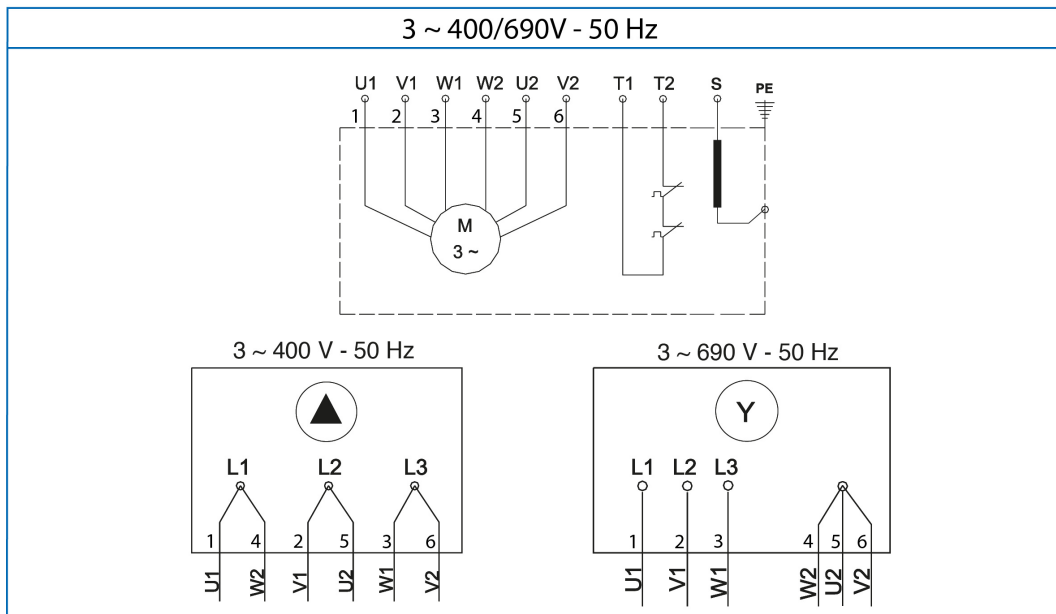
Maximum depth of immersion [m]: 20
Cooling Type: The cooling of the motor is ensured by the surrounding liquid
Installation:
Floating on board machine: not present



Motor

Motor code:	3520760215
Power P1 [kW]:	11.10
Power P2 [kW]:	9.10
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	18.6
Starting current [%]:	549.0
Power Factor:	0.85
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 [%]:	83.9
Efficiency at ¾ load [%]:	84.9
Efficiency at ½ load [%]:	84.0
Efficiency class:	IE2

Wiring diagrams



Dimensions drawing

