

**General Data**

Model:	AT 150/4/200 C.264
Code:	2000186
Series:	A4
Weight [Kg]	260.00
Submersible eletropumps for wastewater including sewage	

**Hydraulic**

Impeller Type:	Closed Single channel impeller
Delivery DN [mm]:	DN150 PN16
Input DN [mm]:	150
Free Passage [mm]:	110
Impeller Ø [mm]:	-
Max Pump Efficiency [%]:	54.50
Global Efficiency [%]:	49.12
Head [m]:	11.21
Flow [m <sup>3</sup> /h]:	180.00

Tolerance according to ISO 9906:2012 3B2



Attention: pictures for illustrative purposes

**Features**

Upper Meccanical seal:	CA/CE/Viton
Lower Meccanical Seal:	SIC/SIC/Viton
Upper Bearing:	Spherical roller bearings
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]:	3.80

**Materials**

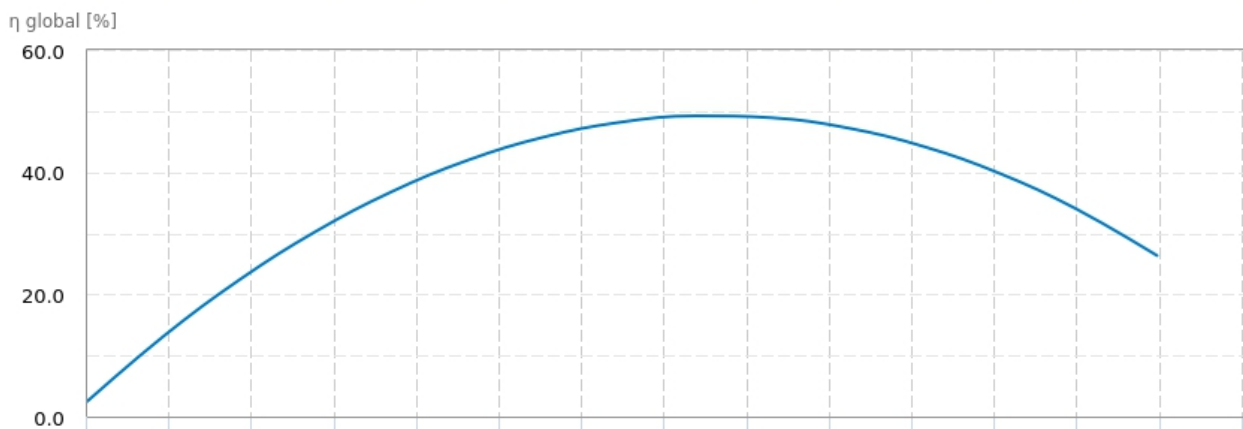
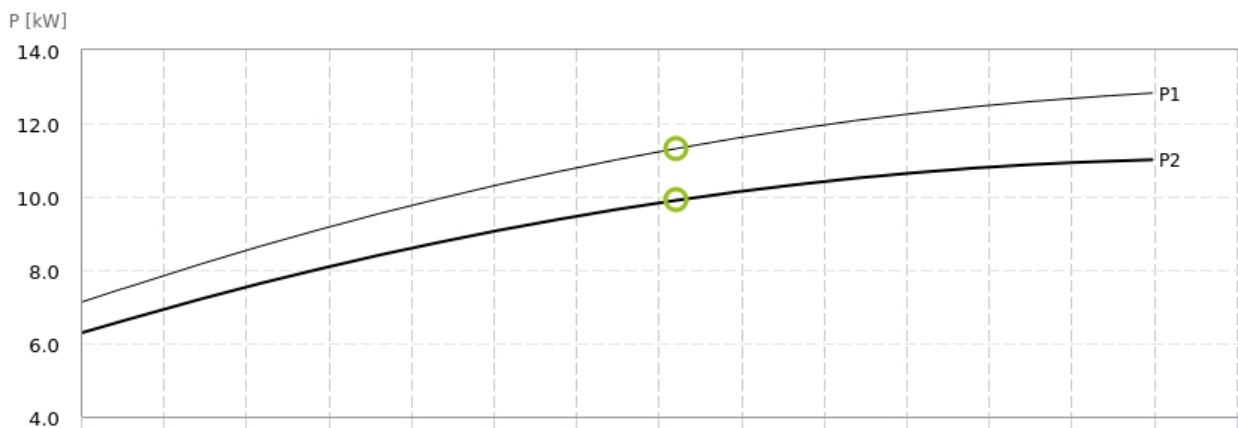
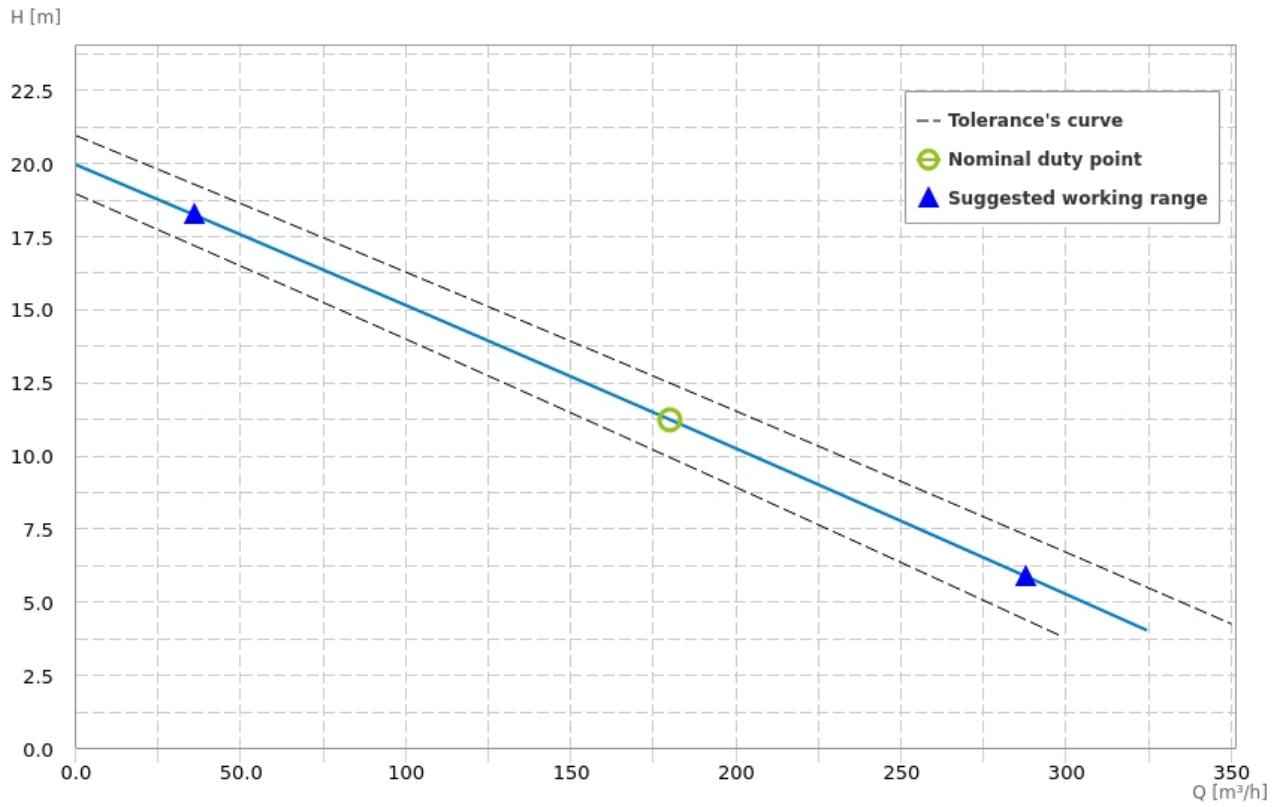
Pump:	Cast Iron EN 1561 EN-GJL-250
Impeller:	Cast iron EN 1561 EN-GJL-250
Motor shaft:	Stainless steel AISI 420
Cooling Jacket:	Not available
Screw:	Stainless steel A2-70
Cable:	H07RN8F

**Pumped Liquid**

Pumped Liquid:	Light and lightly sewage
Density [Kg/dm <sup>3</sup> ]:	1.1
pH:	6-10
Temperature Range:	0-40°C

**Installation**

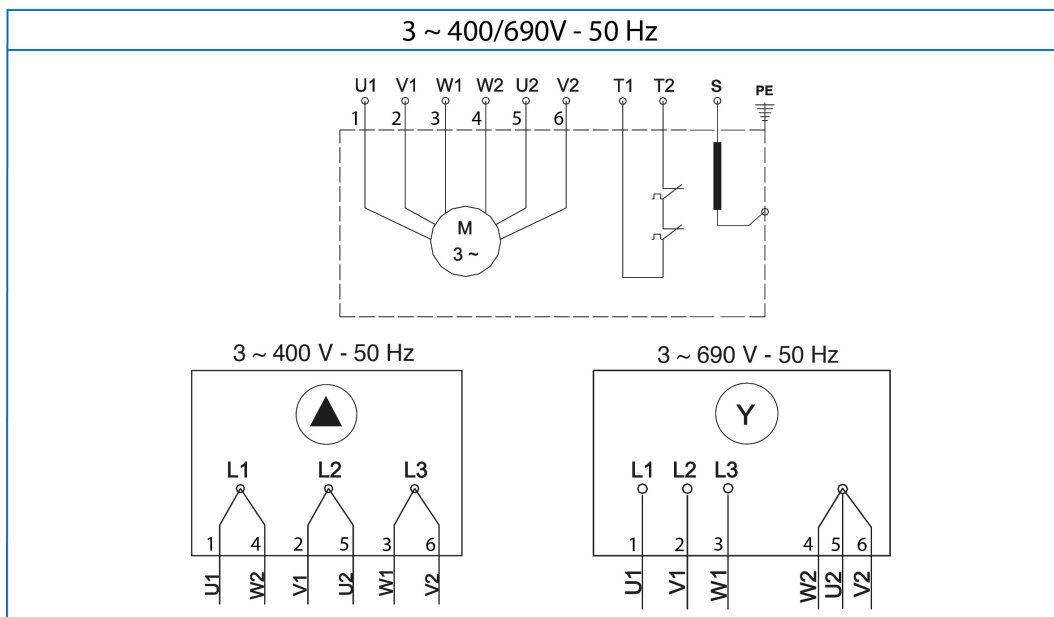
Maximum depth of immersion [m]:	20
Cooling Type:	The cooling of the motor is ensured by the surrounding liquid
Installation:	Vertical
Floating on board machine:	not present



**Motor**

Motor code:	3521000210
Power P1 [kW]:	12.80
Power P2 [kW]:	11.00
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	23.4
Starting current [%]:	383.0
Power Factor:	0.80
R.P.M.:	1450
Starting:	Y-D
Capacitor [μF]:	-
Insulation Class:	F 155°C
Service type:	S1
Max Efficiency [%]:	88.60
Max Efficiency at full load [%]:	86.3
Efficiency at ¾ load [%]:	87.1
Efficiency at ½ load [%]:	88.3
Efficiency class:	IE2

**Wiring diagrams**



Dimensions drawing

