

General Data

Model:	DNB 65-2/110 T
Code:	2001512
Series:	DNB
Weight [Kg]	29.00
Submersible eletropumps for wastewater including sewage	

Hydraulic

Impeller Type:	-
Delivery DN [mm]:	DN65 PN10 G2"
Input DN [mm]:	50
Free Passage [mm]:	50
Impeller Ø [mm]:	103
Max Pump Efficiency [%]:	0.0
Global Efficiency [%]:	39.54
Head [m]:	7.53
Flow [m³/h]:	21.60

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:	Single raw ball bearing
IP Protection:	IP68
Motor protection:	not present
Humidity sensor:	not present
ATEX:	not present
Applied Paint:	Two component water-based paint
Cable Length [m]:	10
Lubricating Oil:	Q8 WF15
Oil Quantity [Kg]:	0.24

Materials

Pump:	Cast Iron EN 1561 EN-GJL-200
Impeller:	Cast iron EN 1561 EN-GJL-200
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

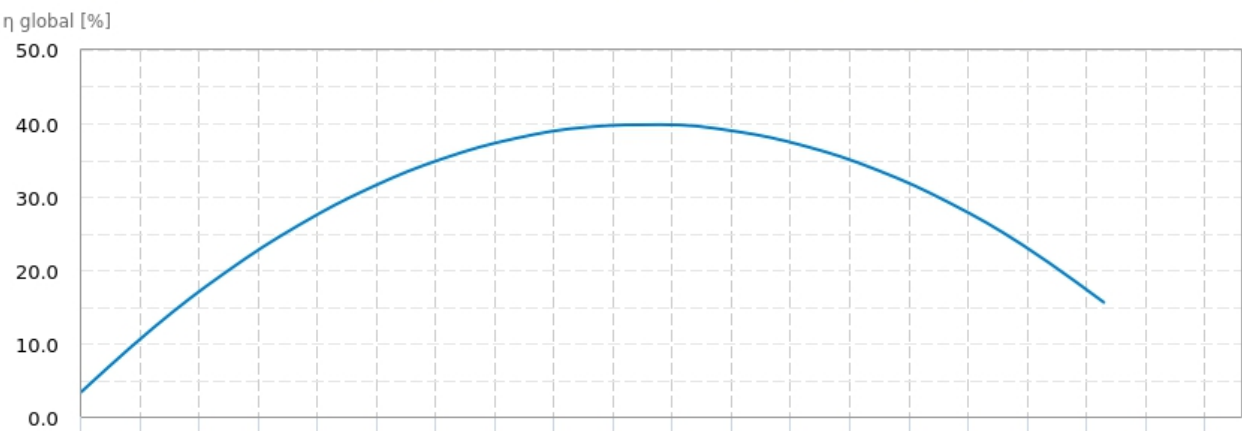
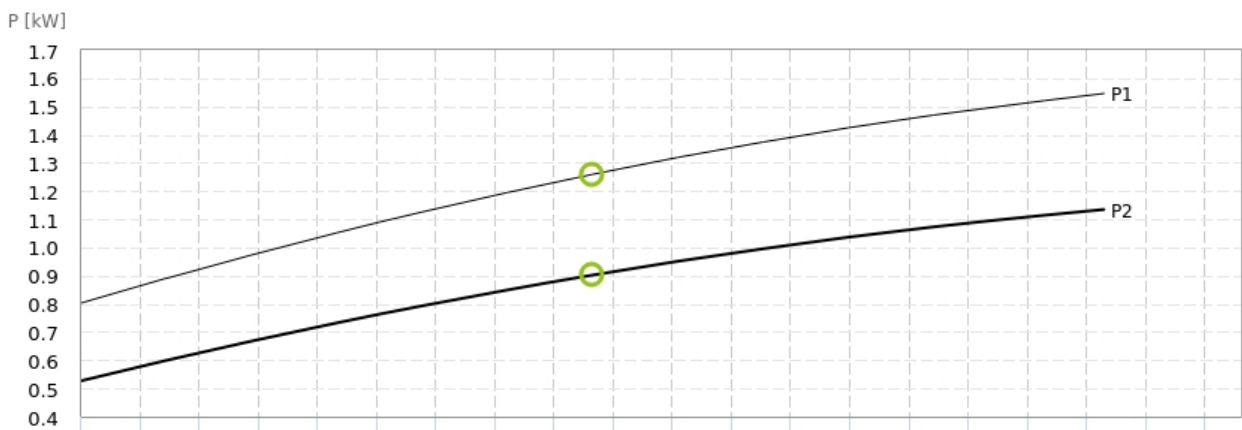
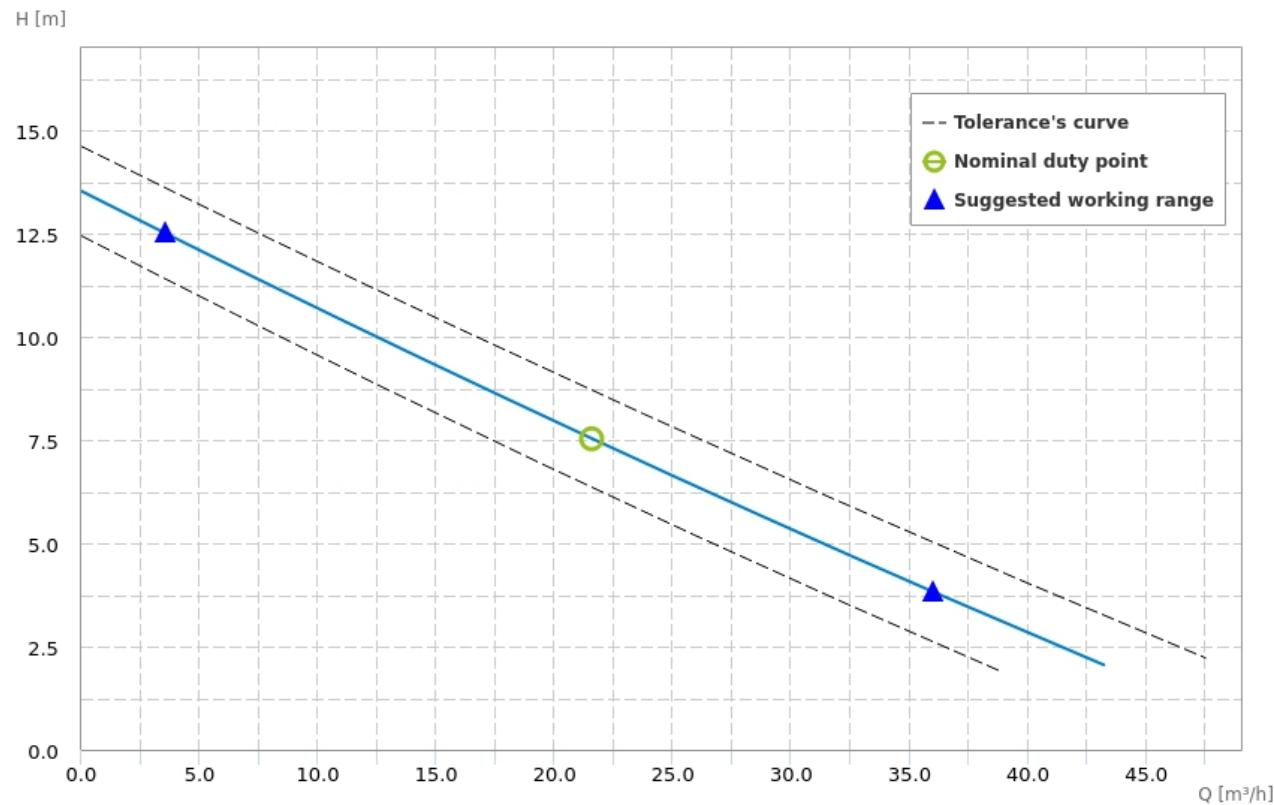


Attention: pictures for illustrative purposes

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

Installation

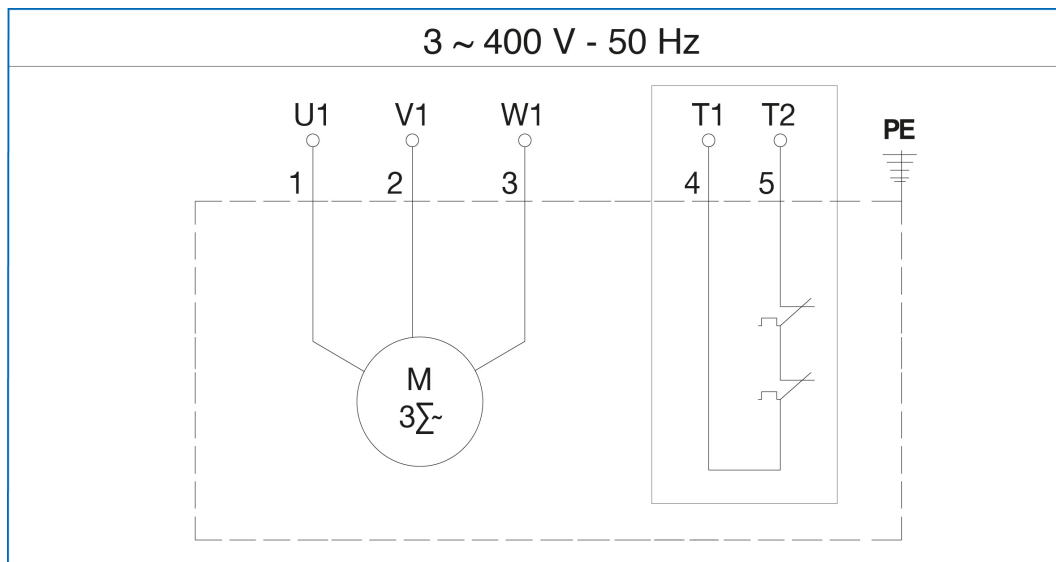
Maximum depth of immersion [m]: 20
Cooling Type: The cooling of the motor is ensured by the surrounding liquid
Installation:
Floating on board machine: not present



Motor

Motor code:	3520160220
Power P1 [kW]:	1.50
Power P2 [kW]:	1.10
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	2.8
Starting current [%]:	518.0
Power Factor:	0.80
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μF]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	79.70
Max Efficiency at full load [%]:	0.0
Efficiency at ¾ load [%]:	0.0
Efficiency at ½ load [%]:	0.0
Efficiency class:	-

Wiring diagrams



Dimensions drawing

