

General Data

Model:	DNA 65-2/150 T
Code:	2000835
Series:	DNA
Weight [Kg]	30.00
Submersible pump for sewage with suspended solids	

Hydraulic

Impeller Type:	-
Delivery DN [mm]:	DN65 PN10
Input DN [mm]:	65
Free Passage [mm]:	65
Impeller Ø [mm]:	130
Max Pump Efficiency [%]:	0.0
Global Efficiency [%]:	0.44
Head [m]:	7.00
Flow [m³/h]:	21.60

Tolerance according to ISO 9906:2012 3B2

Features

Upper Meccanical seal:	ND Tenuta_Meccanica_Sup
Lower Meccanical Seal:	ND Tenuta_Meccanica_Inf
Upper Bearing:	ND Cuscinetto_Sup
Lower Bearing:	ND Cuscinetto_Inf
IP Protection:	ND Classe_Protezione
Motor protection:	present
Humidity sensor:	present
ATEX:	II 2G Ex db IIB T4 Gb - Ex h IIB T4 Gb 0°C <= Ta <= +40°C
Applied Paint:	ND Vernice_Applicata
Cable Length [m]:	ND Lunghezza_Cavo
Lubricating Oil:	Q8 WF15
Oil Quantity [Kg]:	0.24

Materials

Pump:	-
Impeller:	-
Motor shaft:	-
Cooling Jacket:	Not available
Screw:	Stainless steel A2-70
Cable:	ND Tipo_Cavo

Pumped Liquid

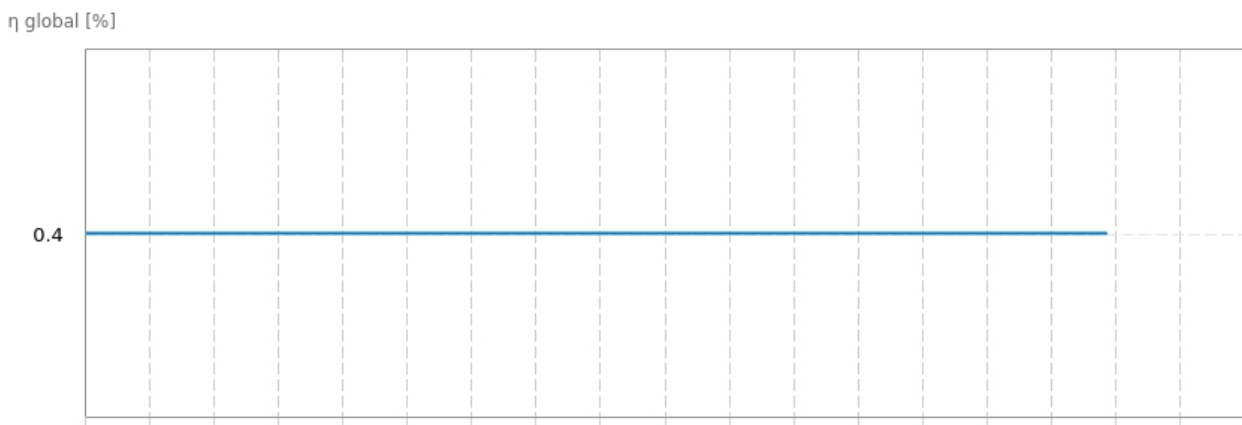
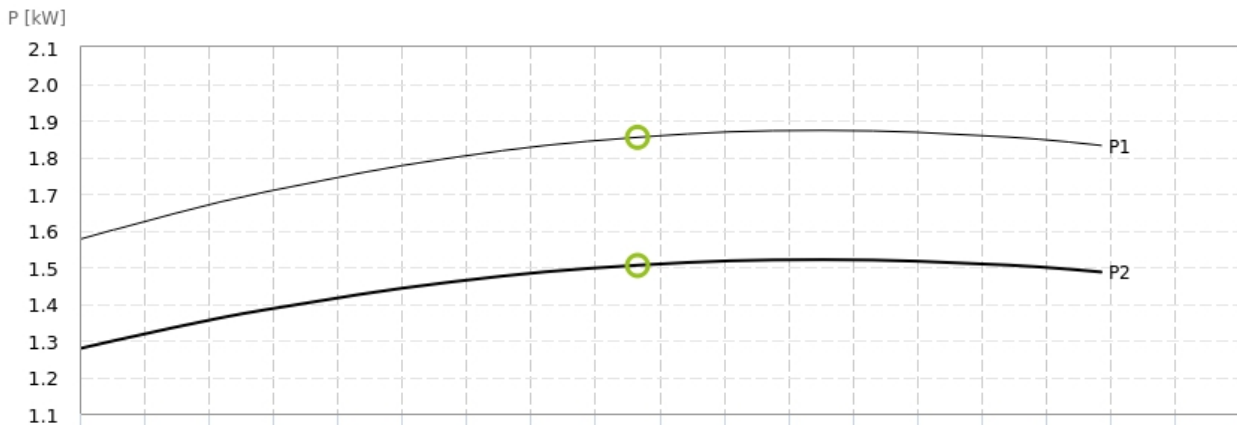
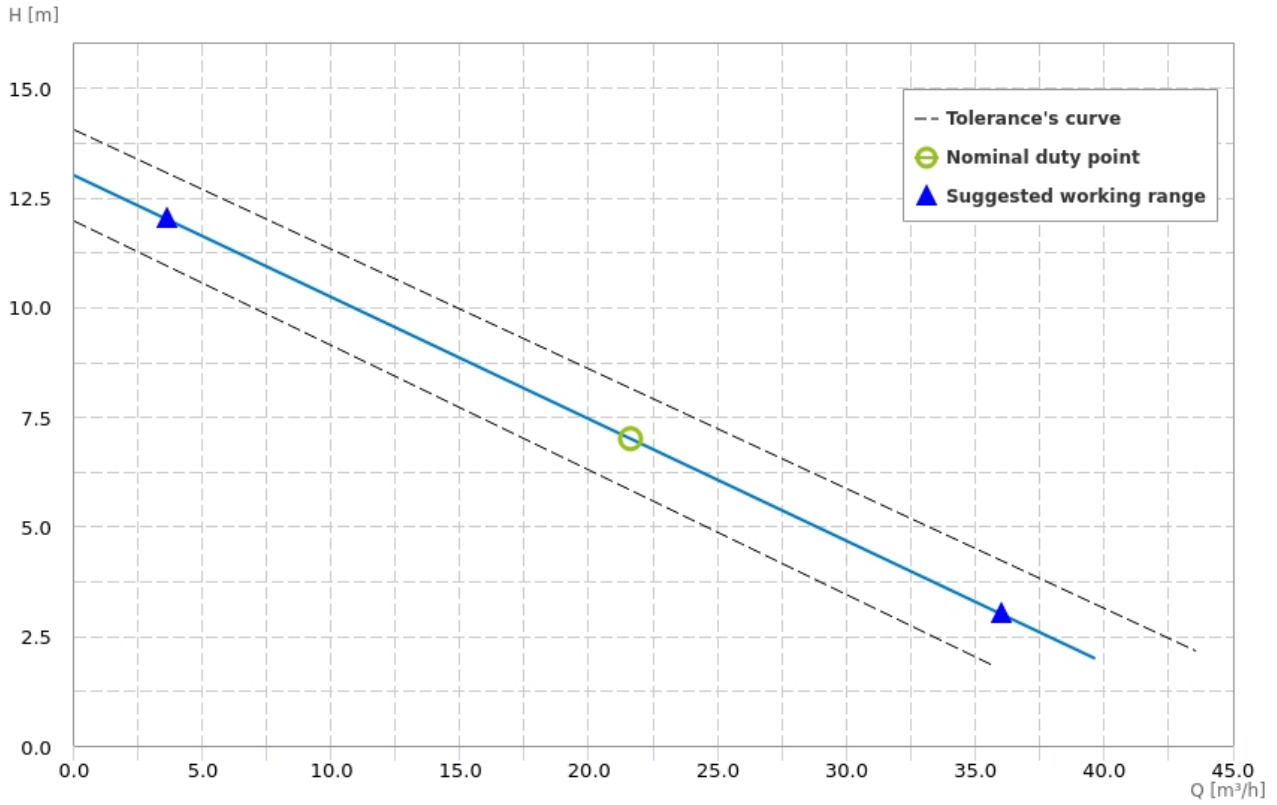
Pumped Liquid:	Sewage
Density [Kg/dm³]:	1.1
pH:	2023-10-06
Temperature Range:	0-40°C

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

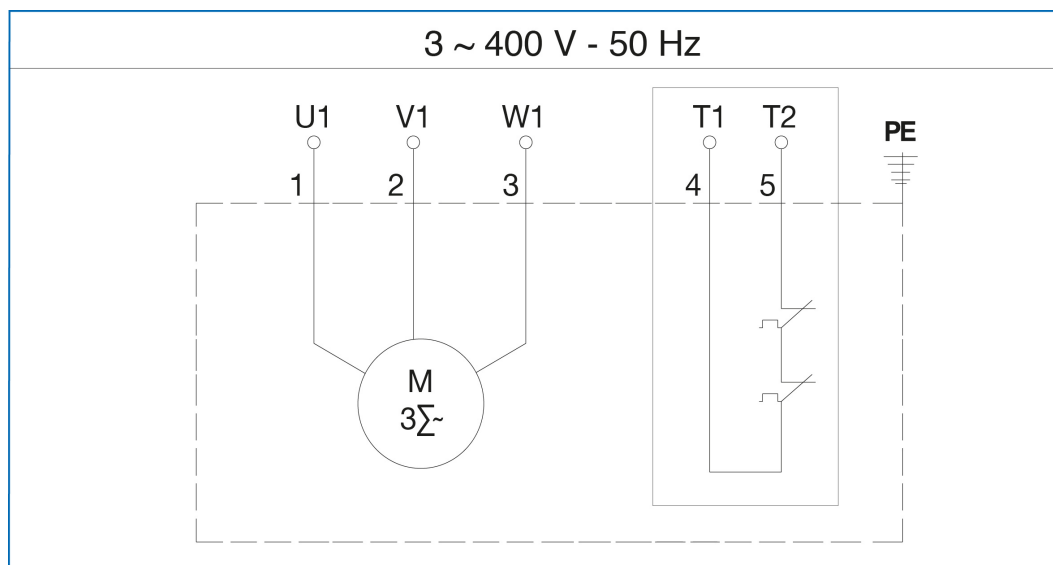


Attention: pictures for illustrative purposes



Motor

Motor code:	3520180235
Power P1 [kW]:	1.90
Power P2 [kW]:	1.50
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	3.4
Starting current [%]:	531.0
Power Factor:	0.78
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μ F]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	81.30
Max Efficiency at full load [%]:	81.1
Efficiency at $\frac{3}{4}$ load [%]:	81.2
Efficiency at $\frac{1}{2}$ load [%]:	81.2
Efficiency class:	-

Wiring diagrams

Dimensions drawing

