

General Data

Model: K120.2.50 H (T)
Code: 2001644
Series: KAPPA
Weight [Kg]: 19.00
Contractor drainage submersible pump

Hydraulic

Impeller Type: -
Delivery DN [mm]: 2" Filettata
Input DN [mm]: -
Free Passage [mm]: 8x22mm
Impeller Ø [mm]: -
Max Pump Efficiency [%]: 0.0
Global Efficiency [%]: 13.21
Head [m]: 11.70
Flow [m³/h]: 14.16

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: present
Humidity sensor: not present
ATEX: not present
Applied Paint: Cataphoresis
Cable Length [m]: 20
Lubricating Oil: Q8 WF15
Oil Quantity [Kg]: 0.60

Materials

Pump: -
Impeller: -
Motor shaft: -
Cooling Jacket: Stainless steel
Screw: Stainless steel A2-70
Cable: H07RN8F

Pumped Liquid

Pumped Liquid: Liquids with abrasive particles
Density [Kg/dm³]: 1.1

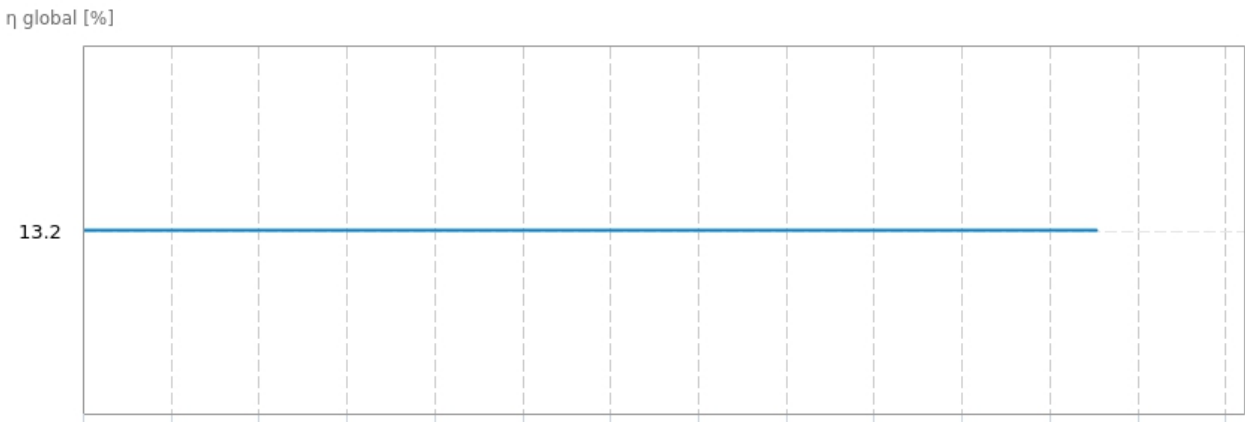
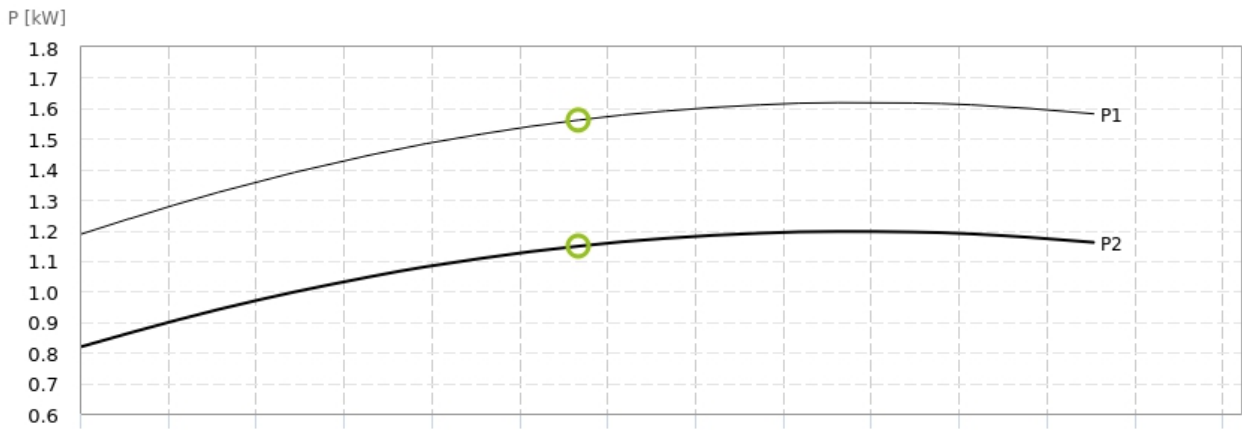
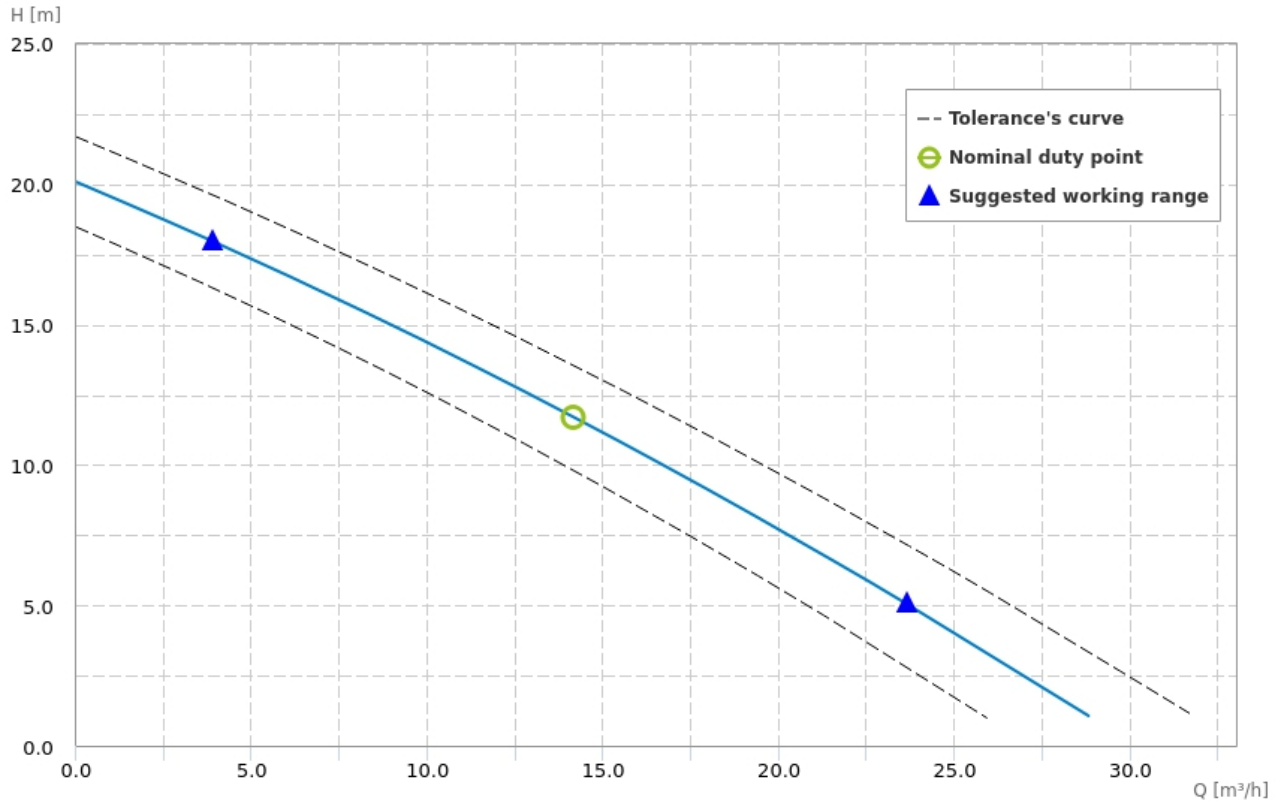


Attention: pictures for illustrative purposes

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

Installation

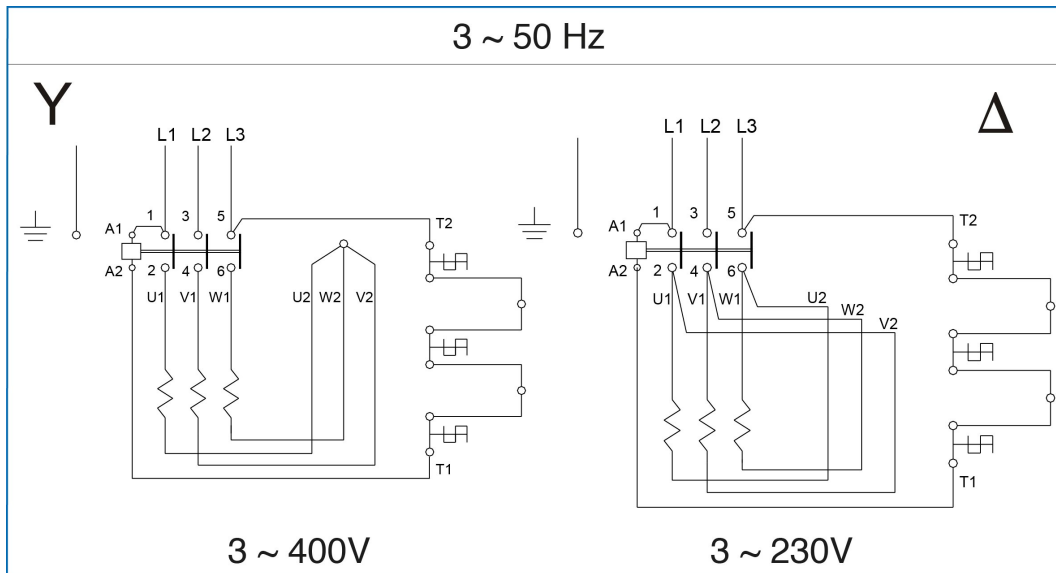
Maximum depth of immersion [m]: 20
Cooling Type: Cooling Jacket
Installation:
Floating on board machine: not present



Motor

Motor code:	3520180235
Power P1 [kW]:	1.20
Power P2 [kW]:	1.60
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	1.3
Starting current [%]:	531.0
Power Factor:	0.84
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μF]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	81.30
Max Efficiency at full load [%]:	89.6
Efficiency at ¾ load [%]:	89.4
Efficiency at ½ load [%]:	89.2
Efficiency class:	-

Wiring diagrams



Dimensions drawing

