

**General Data**

Model: K120.2.50 H (M)  
 Code: 2001645  
 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*



Attention: pictures for illustrative purposes

**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

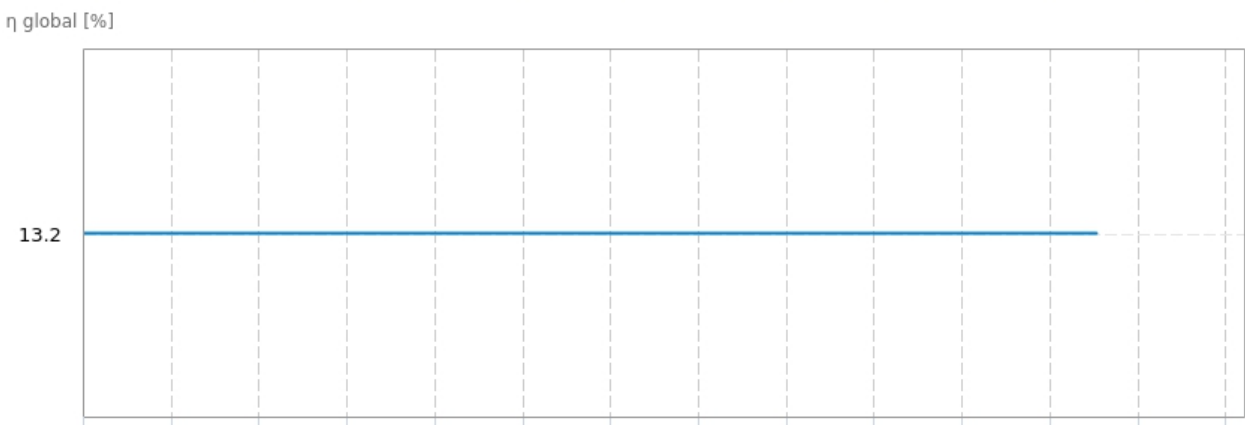
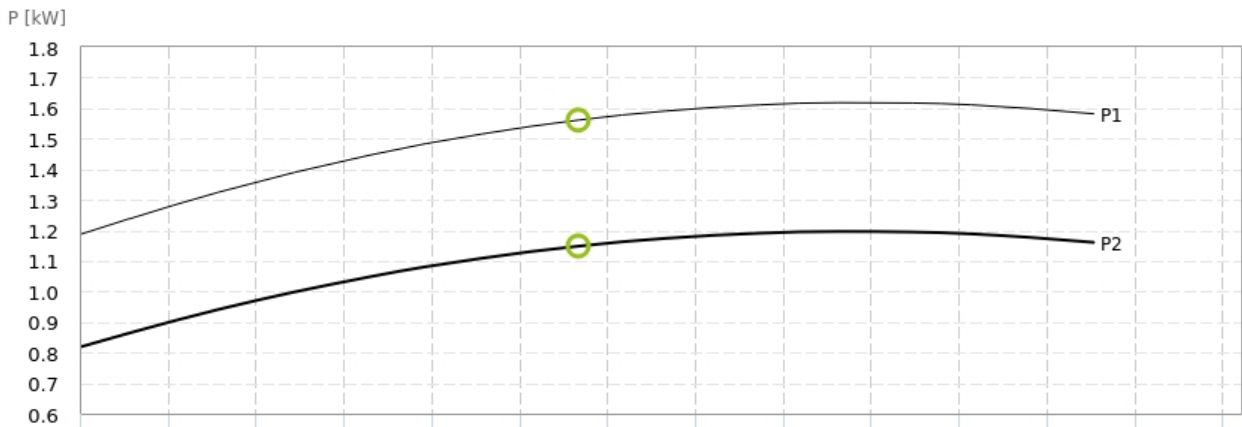
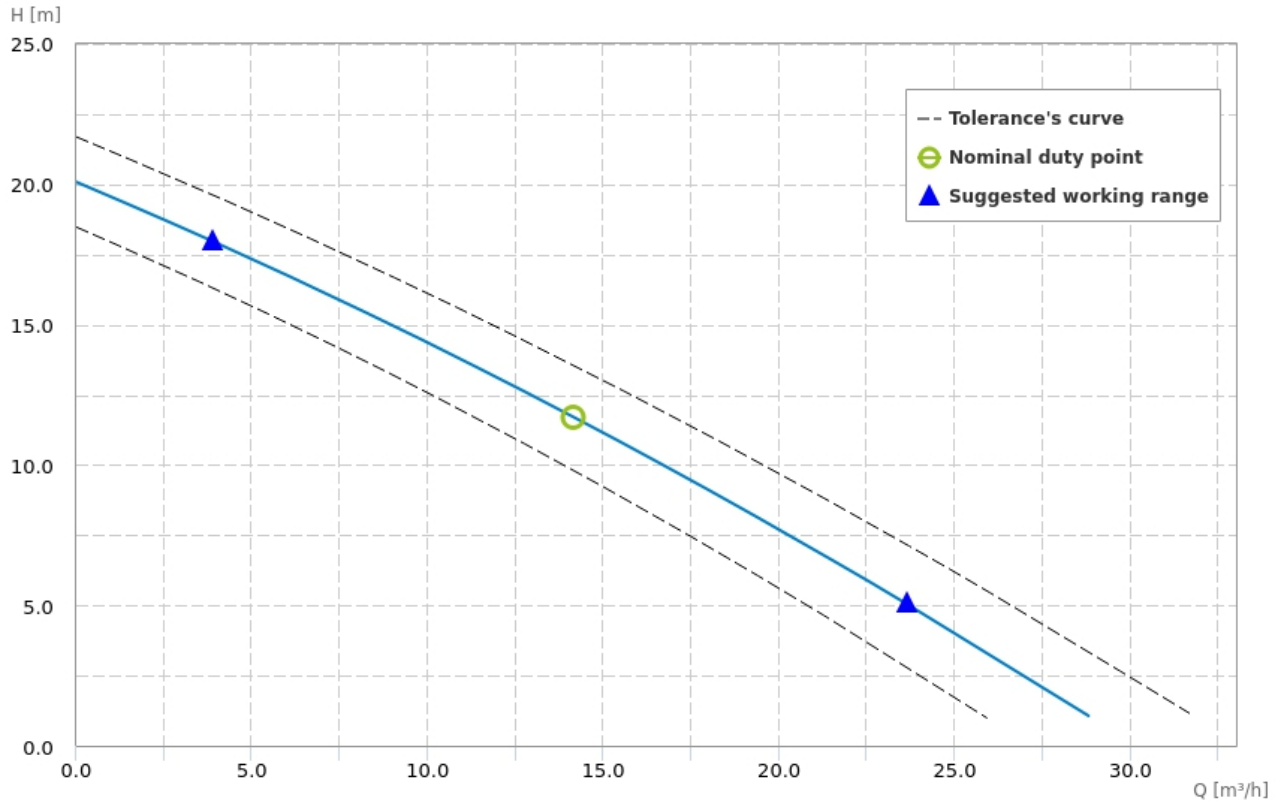
**Pumped Liquid**

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

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

**Installation**

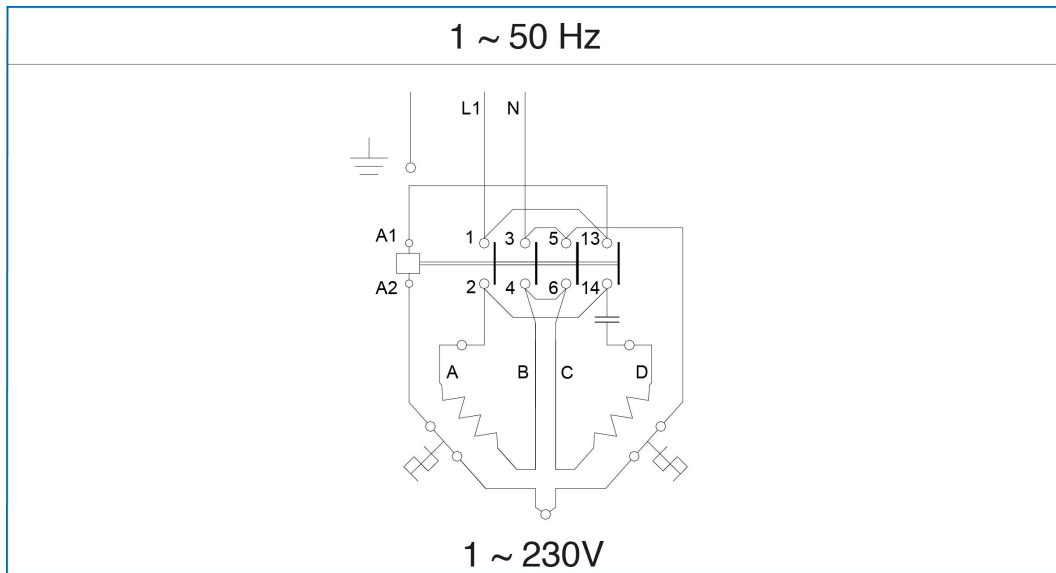
Maximum depth of immersion [m]: 20  
Cooling Type: Cooling Jacket  
Installation:  
Floating on board machine: not present



**Motor**

Motor code:	3520180220
Power P1 [kW]:	1.20
Power P2 [kW]:	1.60
Phases:	1
Frequency [Hz]:	50
Tension [V]:	230
Nominal current [A]:	8.2
Starting current [%]:	232.0
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 [%]:	77.20
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

