

**General Data**

Model:	K420.2.80 C
Code:	2001632
Series:	KAPPA
Weight [Kg]	37.00
Contractor drainage submersible pump	

**Hydraulic**

Impeller Type:	-
Delivery DN [mm]:	3" Filettata
Input DN [mm]:	-
Free Passage [mm]:	8x22mm
Impeller Ø [mm]:	-
Max Pump Efficiency [%]:	0.0
Global Efficiency [%]:	9.52
Head [m]:	14.16
Flow [m³/h]:	57.60

*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:	Double 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:	H07RNF

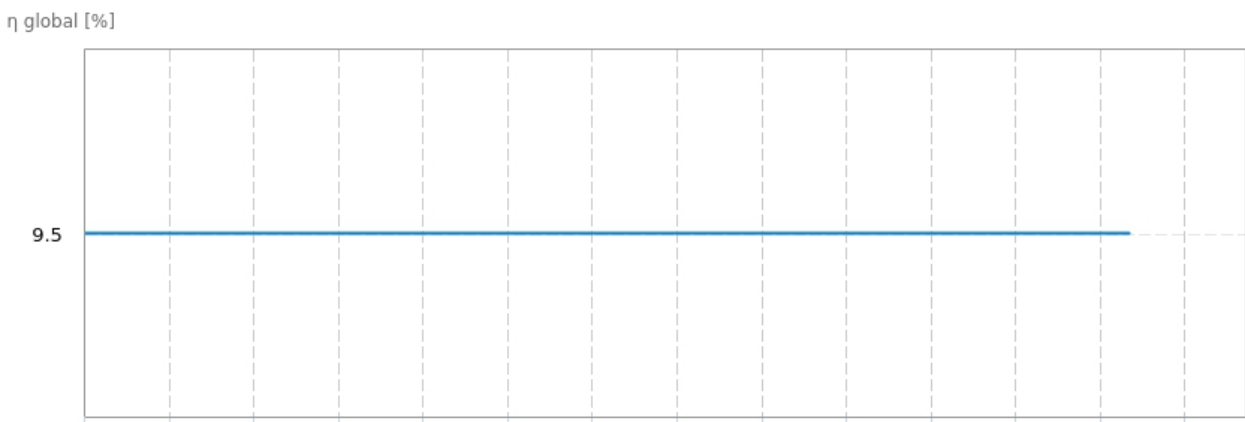
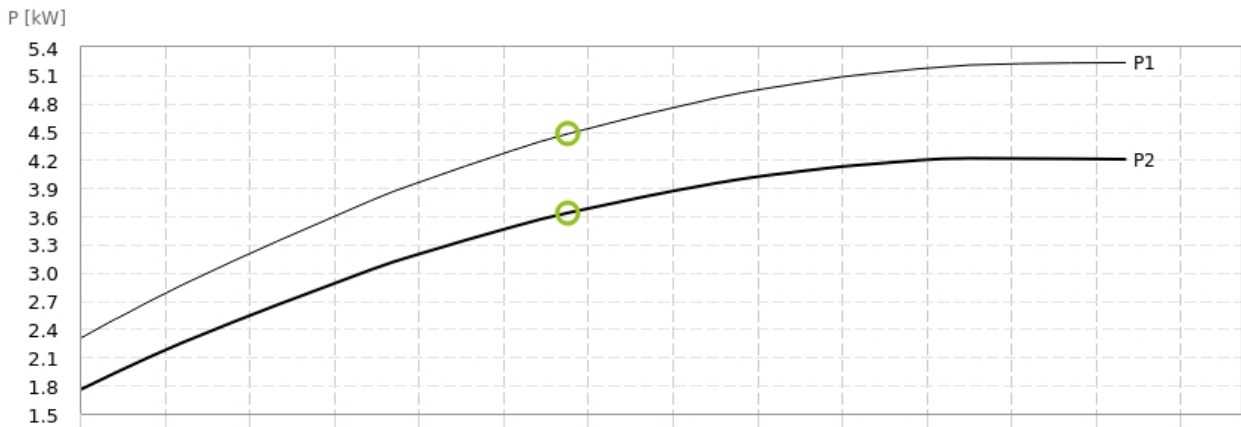
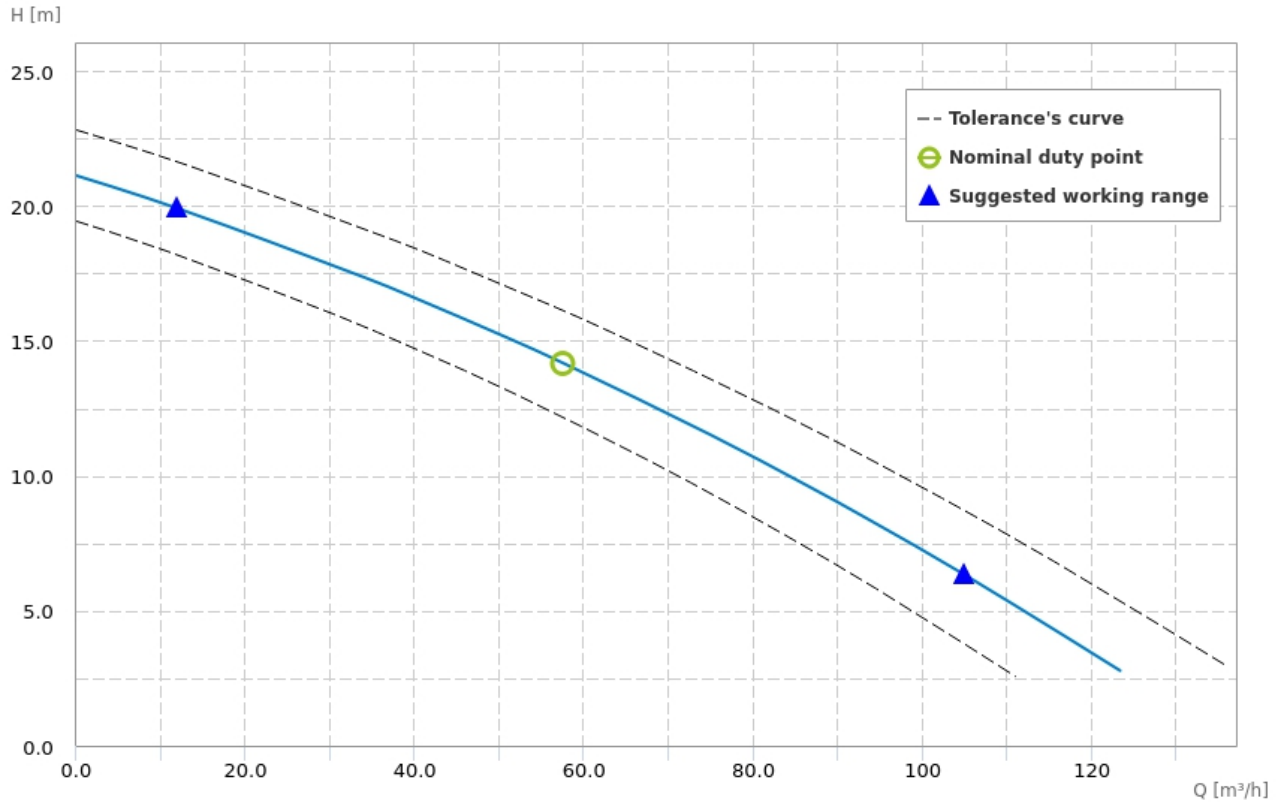
**Pumped Liquid**

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

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

**Installation**

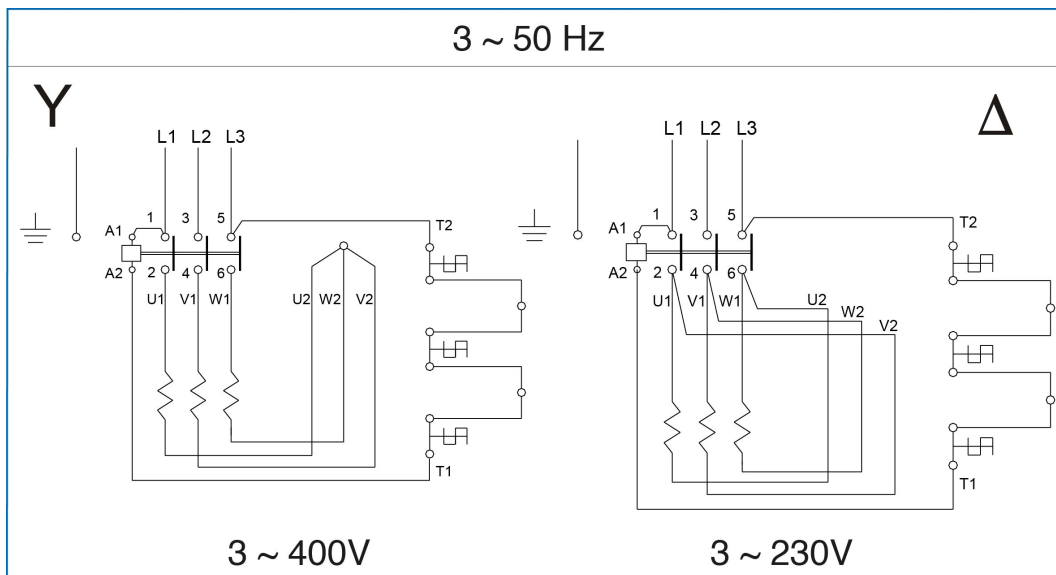
Maximum depth of immersion [m]: 20  
Cooling Type: Cooling Jacket  
Installation:  
Floating on board machine: not present



**Motor**

Motor code:	3520620220
Power P1 [kW]:	5.20
Power P2 [kW]:	4.20
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	8.9
Starting current [%]:	544.0
Power Factor:	0.85
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μF]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	79.00
Max Efficiency at full load [%]:	89.6
Efficiency at ¾ load [%]:	89.4
Efficiency at ½ load [%]:	89.2
Efficiency class:	IE2

**Wiring diagrams**



### Dimensions drawing

