



## AP PUMP

### Applications:

- Cutting, turning, milling, boring, grinding and similar applications of the machine tools,
- Band sawing machines,
- Ceramic cutting machines,
- Glass cutting and optical machines,
- Circulation systems. AP Pumps are used for pumping of cutting / cooling fluids.

On demand, AP Pumps can be supplied with inlet strainer.

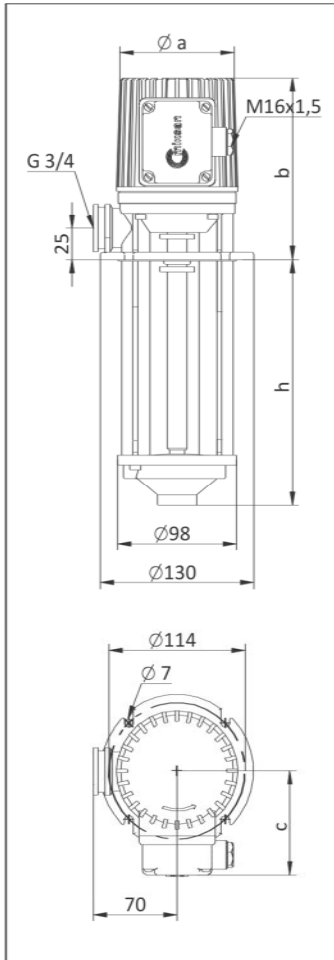
### Fluid Specifications:

- Coolants,
- Cutting oils,
- Grinding oils,
- Water,
- Chemical liquids
- Fluid temperature 0...60 °C
- Kinematic viscosity 1...30 mm<sup>2</sup>/s

### Materials:

Pump body	: PP
Volute	: PP
Impeller	: PP
Pump Shaft	: Engineering steel - AISI 1040 (DIN C35) Stainless steel - AISI 316 (DIN 4401) (Optional) Stainless steel - AISI 420(DIN X20Cr13) (Optional)
Strainer	: PE (Optional)
Electric motor	: 3 phase induction motor 1 phase induction motor (Optional) 2 pole Protection degree IP 54

**DIMENSIONS & NOMINAL VALUES**



TYPE	Depth of immersion h (mm)	mm			Weight kg	Power kW	Voltage V(Δ/Y)	Frequency Hz	Rated current A	Speed rpm
		a	b	c						
AP/11	110	96	152	83	2.80	0.09	230/400	50	0.48/0.28	2830
AP/16	160				2.83					
AP/21	210				2.85					

- \* Pump dimensions according to EN 12157.
- \*\* The performance curves are based on 1 mm<sup>2</sup>/s (cSt) kinematic viscosity values and 997 kg/m<sup>3</sup> density
- \*\*\* Curve tolerance according to ISO 9906:2012 Grade 3B .

**Performance Curve**

