



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.

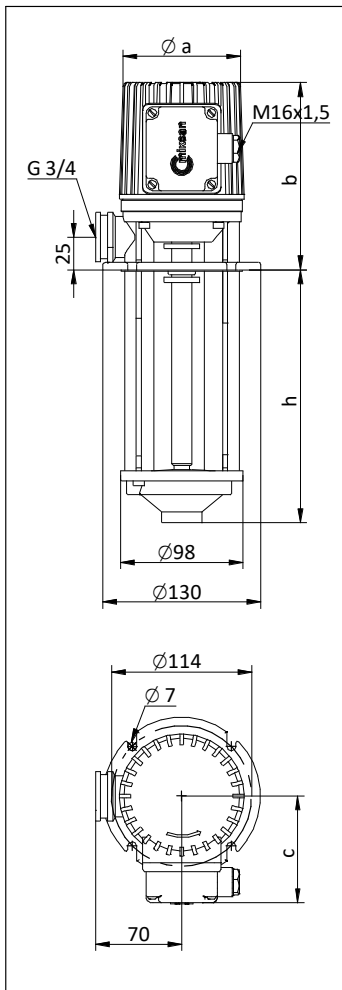
Fluid Specifications:

- Coolants,
- Cutting oils,
- Grinding oils,
- Water,
- Chemical liquids
- Fluid temperature 0...60 °C
- Kinematic viscosity 1...90 mm²/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, 3000 rpm Protection degree IP 54

DIMENSIONS & NOMINAL VALUES



TYPE	Depth of immersion h (mm)	a	b	c	Weight kg	Power kW	Voltage V(Δ/Y)	Frequency Hz	Rated current A	Speed rpm
		mm								
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 $1 \text{ mm}^2/\text{s}$ (cSt) kinematic viscosity values and $1000 \text{ kg}/\text{m}^3$ density
- *** Curve tolerance according to EN ISO 9906.

Performance Curve

