



BP PUMP

Applications:

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

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

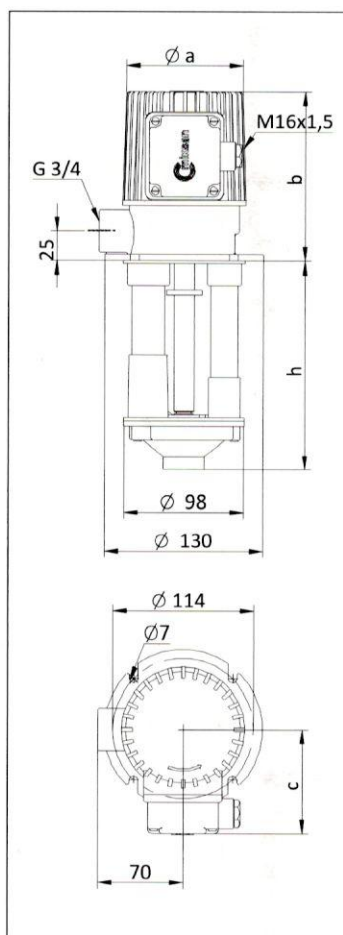
Fluid Specifications:

- Coolants,
- Cutting oils,
- Grinding oils,
- Fluid temperature 0...60 °C
- Kinematic viscosity 1...45 mm²/s

Materials:

Pump body	: Aluminium
Volute	: Aluminium
Impeller	: Aluminium
Shaft	: Engineering steel - AISI 1040 (DIN C35) ,
Strainer	: PE (Optional)
Electric motor	: 3 phase induction motor
	1 phase induction motor (Optional)
	2 pole
	Protection degree IP 54

DIMENSIONS & NOMINAL VALUES



	Depth of immersion				Weight	Power	Voltage	Frequency	Rated current	Speed
TYPE	h (mm)	a	b	c	kg	kW	V(Δ/Y)	Hz	A	rpm
		mm								
BP 12	120	96	140	83	3.2	0.09	230/400	50	0.48/0.28	2830
BP 17	170				3.4					
BP 22	220				3.5					
BP 27	270				3.9					
BP 35	350				4.3					

* Pump dimensions according to EN 12157.

** The performance curves are based on 1 mm²/s (cSt) kinematic viscosity values and 997 kg/m³ density

*** Curve tolerance according to ISO 9906:2012 Grade 3B .

