



BP PUMP

Applications:

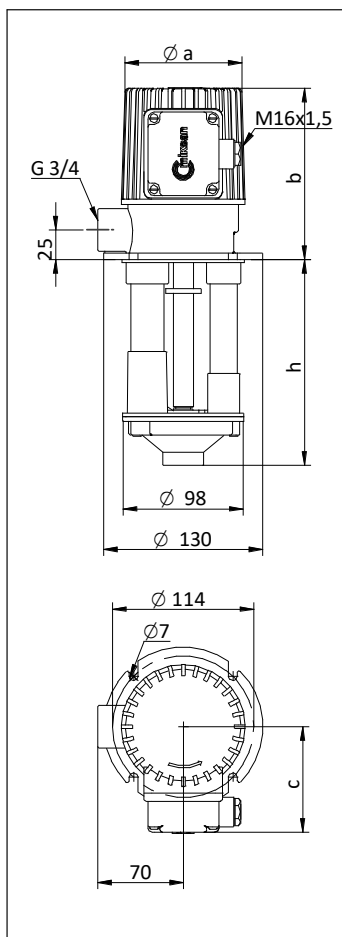
- Cutting, turning, milling, boring, grinding and similar applications of the machine tools,
- Band sawing machines,
- Circulation systems. BP Pumps are used for pumping of cutting / cooling fluids.

Fluid Specifications:

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



DIMENSIONS & NOMINAL VALUES

TYPE	Depth of immersion h (mm)				Weight kg	Power kW	Voltage V(Δ/Y)	Frequency Hz	Rated current A	Speed rpm
		a	b	c						
		mm								
BP/12	120	96	140	83	3.9	0.09	230/400	50	0.48/0.28	2830
BP/17	170				4.0					
BP/22	220				4.3					
BP/27	270				4.5					
BP/35	350				5.0					

- * Pump dimensions according to EN 12157.
- ** The performance curves are based on 1 mm²/s (cSt) kinematic viscosity values and 1000 kg/m³ density
- *** Curve tolerance according to EN ISO 9906.

Performance Curve

