



CP PUMP

Applications:

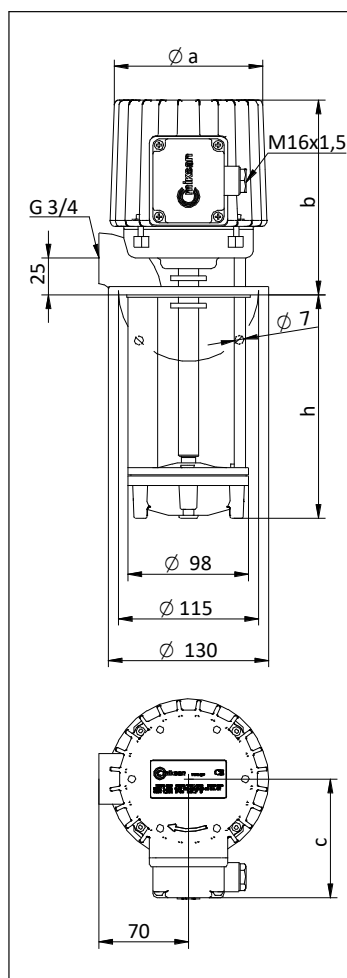
- Cutting, turning, milling, boring, grinding and similar applications of the machine tools,
- Band sawing machines,
- Circulation systems. CP Pumps are used for pumping of cutting / cooling fluids.

Fluid Specifications:

- Coolants,
- Cutting oils,
- Grinding oils,
- Water,
- Chip contains liquids (max. 6mm)
- Fluid temperature 0...60 °C
- Kinematic viscosity 1...90 mm²/s

Materials:

Pump body	: Cast iron - DIN GG 25
Volute	: PP
	Cast iron - DIN GG 25 (Optional)
Impeller	: PP
	Brass (Optional)
Pump shaft	: Engineering steel - AISI 1040 (DIN C35)
	Stainless steel- AISI 420(DIN X20Cr13) (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				Weight	Power	Voltage	Frequency	Rated current	Speed
	h (mm)	a	b	c	kg	kW	V(Δ/Y)	Hz	A	rpm
		mm								
CP/12	130	127	158	95	6.6	0.25	230/400	50	1.26/0.73	2760
CP/17	180				7.1					
CP/22	230				7.4					
CP/27	280				7.9					
CP/35	350				8.4					

* 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

