



EP 350 PUMP

Applications:

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

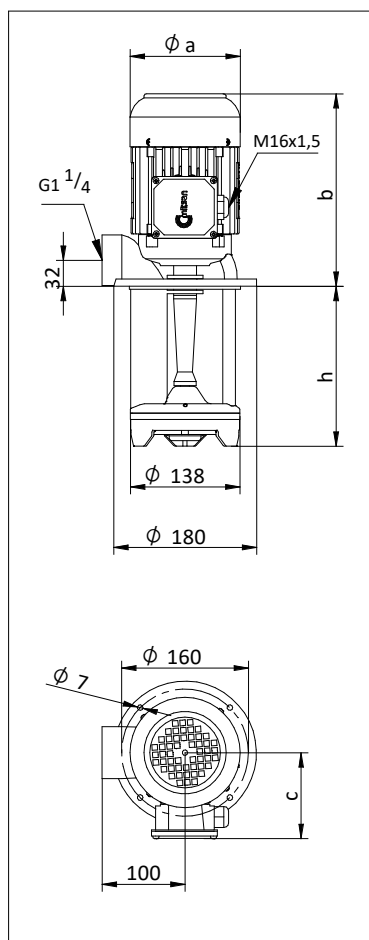
Fluid Specifications:

- Coolants,
- Cutting oils,
- Grinding oils,
- Water,
- Chip contains liquids (max. 8mm)
- Fluid temperature 0...60 °C
- Kinematic viscosity 1...90 mm²/s

Materials:

Pump body	: Cast iron - DIN GG 25
Volute	: Cast iron - DIN GG 25
Impeller	: Investment casting steel - AISI 4140 (DIN 42CrMo4)
Pump shaft	: Engineering steel - AISI 1040 (DIN C35)
Electric motor	: 3 phase induction motor 2 pole, 3000 rpm Protection degree IP 55

DIMENSIONS & NOMINAL VALUES



TYPE	Depth of immersion h (mm)				Weight	Power	Voltage	Frequency	Rated current	Speed
		a	b	c	kg	kW	V(Δ/Y)	Hz	A	rpm
		mm								
EP 350/200	200	138	242	111	17.0	0.75	230/400	50	3.12/1.8	2820
EP 350/270	270				17.7					
EP 350/350	350				18.0					
EP 350/440	440				19.7					
EP 350/550	550				20.7					

* Pump dimensions according to EN 12157.

** The performance curves are based on $1 \text{ mm}^2/\text{s}$ (cSt) kinematic viscosity values and 1000 kg/m^3 density

*** Curve tolerance according to EN ISO 9906.

Performance Curve

