

## 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:

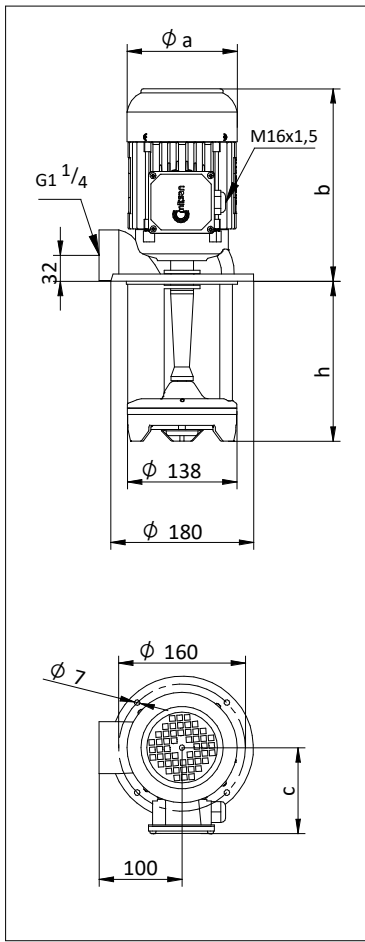
- Coolants,
- Cutting oils,
- Grinding oils,
- Water,
- Chip contains liquids (max. 8mm)
- Fluid temperature 0...60 °C
- Kinematic viscosity 1...90 mm<sup>2</sup>/s

### 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)	mm			Weight kg	Power kW	Voltage V( $\Delta/Y$ )	Frequency Hz	Rated current A	Speed rpm
		a	b	c						
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  $1000\text{ kg/m}^3$  density  
 \*\*\* Curve tolerance according to EN ISO 9906.



Performance Curve

