



EPV 250 PUMP

Applications:

- Vortex type pump is used for pumping liquids which contains metal chips,
- Cutting, turning, milling, boring, grinding and similar applications of the machine tools,
- Filtration systems,
- Circulation systems. EPV Pumps are used for pumping of cutting / cooling fluids.

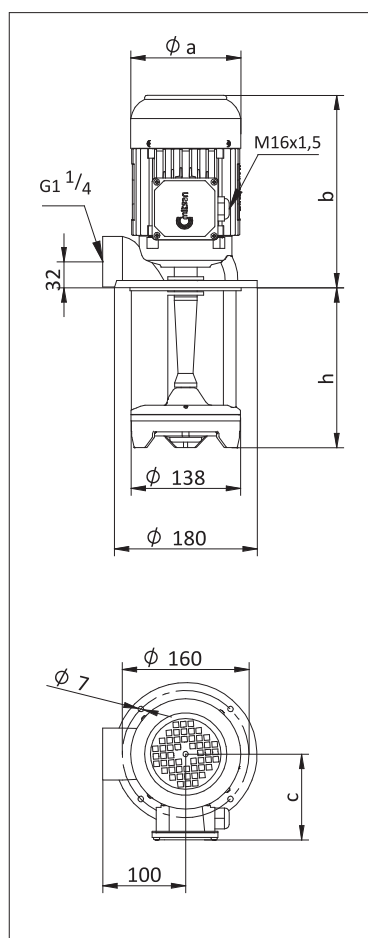
Fluid Specifications:

- Coolants,
- Cutting oils,
- Grinding oils,
- Water,
- Chip contains liquids (max. 12mm)
- Fluid temperature 0...80 °C
- Kinematic viscosity 1...45 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, 2900 rpm Protection degree IP 55

DIMENSIONS & NOMINAL VALUES



	Depth of immersion				Weight	Power	Voltage	Frequency	Rated current	Speed
TYPE	h (mm)	a	b	c	kg	kW	V(ΔΥ)	Hz	A	rpm
		mm								
EPV 250/210	210	138	242	111	16.4	0.55	230/400	50	2.25/1.3	2780
EPV 250/280	280				17.6					
EPV 250/360	360				17.9					
EPV 250/450	450				19.6					
EPV 250/560	560				20.6					

* Pump dimensions according to EN 12157.

** The performance curves are based on $1 \text{ mm}^2/\text{s}$ (cSt) kinematic viscosity values and 997 kg/m^3 density

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

Performance Curve

