



EP 150 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.

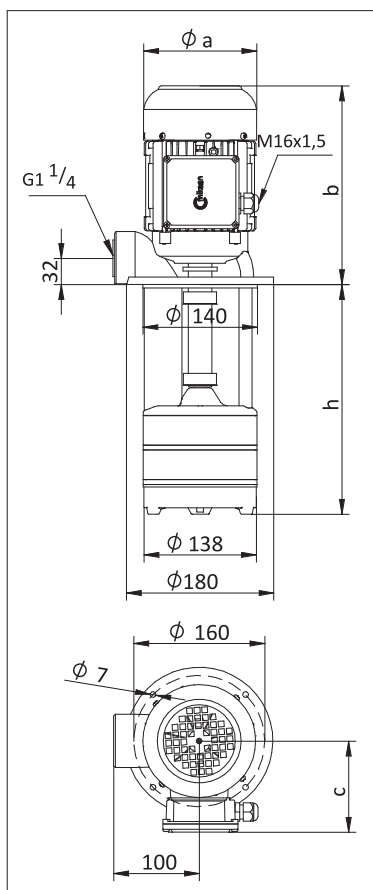
Fluid Specifications:

- Coolants,
- Cutting oils,
- Grinding oils,
- Water,
- Chip contains liquids (max. 8mm)
- Fluid temperature 0...80 °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 Protection degree IP 55

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								
EP 150/200	200	138	242	111	15.2	0.37	230/400	50	1.84/1.05	2790
EP 150/270	270				16.3					
EP 150/350	350				16.8					
EP 150/440	440				18.5					
EP 150/550	550				19.5					
EP 152/240	240	138	242	111	18.8	0.9	230/400	50	4.85/2.8	2720
EP 152/310	310				19.4					
EP 152/390	390				20.2					
EP 152/480	480				23.7					
EP 153/280	280	138	242	111	21.7	1.1*	230/400	50	4.85/2.8	2720
EP 153/350	350				22.3					
EP 153/430	430				23.1					
EP 153/520	520				26.6					

* EP 153 pumps have IE2 motors. These pumps are excluded from efficiency class since their motors are completely integrated into the pump according to IEC 60034-30-1:2014 standard .

** Pump dimensions according to EN 12157.

*** The performance curves are based on 1 mm²/s (cSt) kinematic viscosity values and 997 kg/m³ density

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

