

## KEP 125 PUMP



### Applications:

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

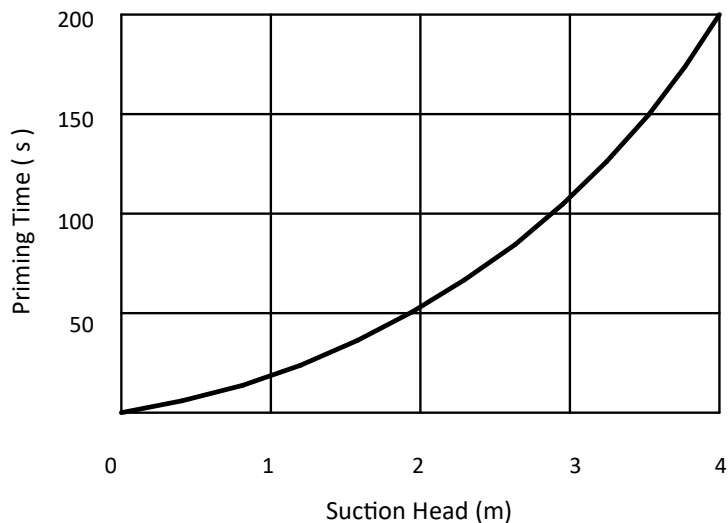
### Fluid Specifications:

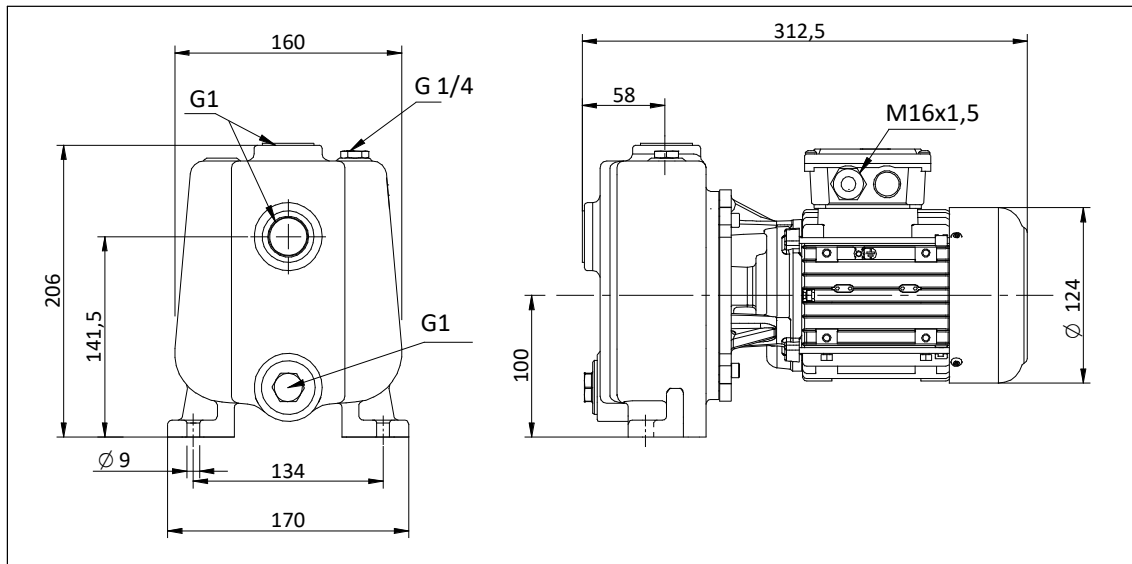
- Coolants,
- Cutting oils,
- Grinding oils,
- Water
- Chip containing liquids (max. 6 mm)
- Fluid temperature 0...60 °C
- Kinematic viscosity 1...30 mm<sup>2</sup>/s

### Materials:

Pump body	: Cast iron - DIN GG25
Motor Flange	: Cast iron - DIN GG25
Impeller	: Cast iron - DIN GG25
Shaft	: Stainless steel - AISI 420 (DIN 1.4021)
O-ring	: Viton
Mechanical Seal	: C-SiC-Viton
Electric motor	: 3 phase induction motor 1 phase induction motor (Optional) 2 pole, 3000 rpm Protection degree IP 54

**Suction Head and Priming Time**





### DIMENSIONS & NOMINAL VALUES

	Weight	Power	Voltage	Frequency	Rated current	Speed
TYPE	kg	kW	V(ΔY)	Hz	A	rpm
KEP 125/100	12.0	0.25	230/400	50	1.26/0.73	2760
KEP 125/150	12.5	0.37			2.16/1.25	2820

\* The performance curves are based on 1 mm<sup>2</sup>/s (cSt) kinematic viscosity values and 1000 kg/m<sup>3</sup> density  
 \*\* Curve tolerance according to EN ISO 9906.

### Performance Curve

