



DP 250 PUMP

Applications:

- Circulation systems,
- Beverage industry,
- Printing industry.

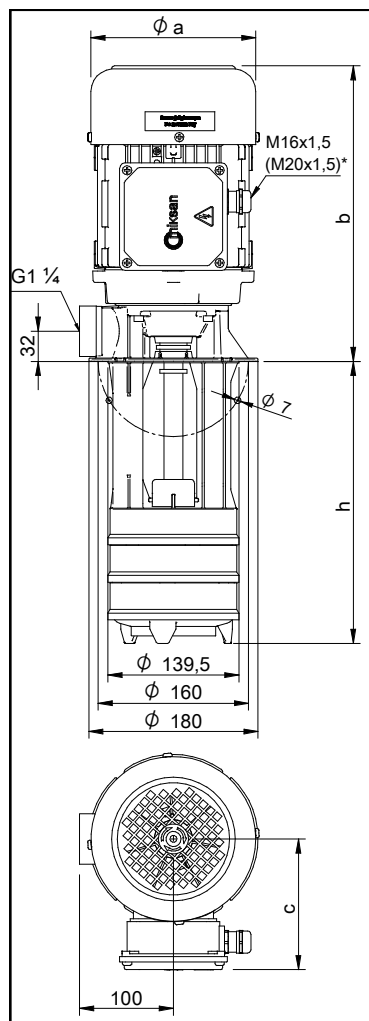
Fluid Specifications:

- Coolants,
- Cutting oils,
- Chemical solutions,
- Distilled or deionize water,
- Chip contains liquids (max. 6mm)
- Fluid temperature 0...80 °C
- Kinematic viscosity 1...12 mm²/s

Materials:

Pump body	: PPS
Stages	: PPS
Diffusers	: PPS
Impeller	: PPS
Cover	: PPS
Axial impeller	: PPS
Strainer (Optional)	: PE
Pump shaft	: Stainless steel - AISI 420 (DIN X20Cr13)
Electric motor	: 3 phase induction motor
	1 phase induction motor (Optional for DP 251)
	2 pole, 2900 rpm
	Protection degree IP 54

DIMENSIONS & NOMINAL VALUES



TYPE	Depth of Immersion h (mm)	Weight			Power	Voltage	Frequency	Rated current	Speed	
		a	b	c						
		mm								kg
DP 251/140	140	138	265	111	7.7	0.55	230/400	50	2.25/1.3	2780
DP 251/220	220				7.9					
DP 251/290	290				8					
DP 251/370	370				8.2					
DP 252/180	180	157	293	118	12.5	1.1	230/400	50	4.16/2.4	2890
DP 252/260	260				12.7					
DP 252/330	330				12.8					
DP 252/410	410				13					
DP 253/220	220	176	315	139	16.7	1.5	230/400	50	5.72/3.3	2910
DP 253/300	300				16.9					
DP 253/370	370				17					
DP 253/450	450				17.2					

* M20x1,5 cable gland is used on DP 253 Series pump

** 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.

Performance Curve

