

## DP 100 PUMP

### Applications:

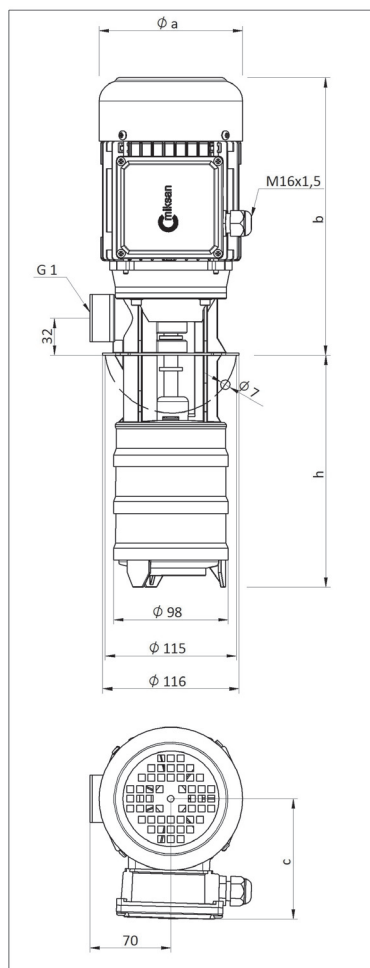
- Circulation systems,
- Beverage industry,
- Printing industry.

### Fluid Specifications:

- Coolants,
- Cutting oils,
- Chemical solutions,
- Distilled or deionize water,
- Chip contains liquids (max. 4mm)
- Fluid temperature 0...80 °C
- Kinematic viscosity 1...12 mm<sup>2</sup>/s

### Materials:

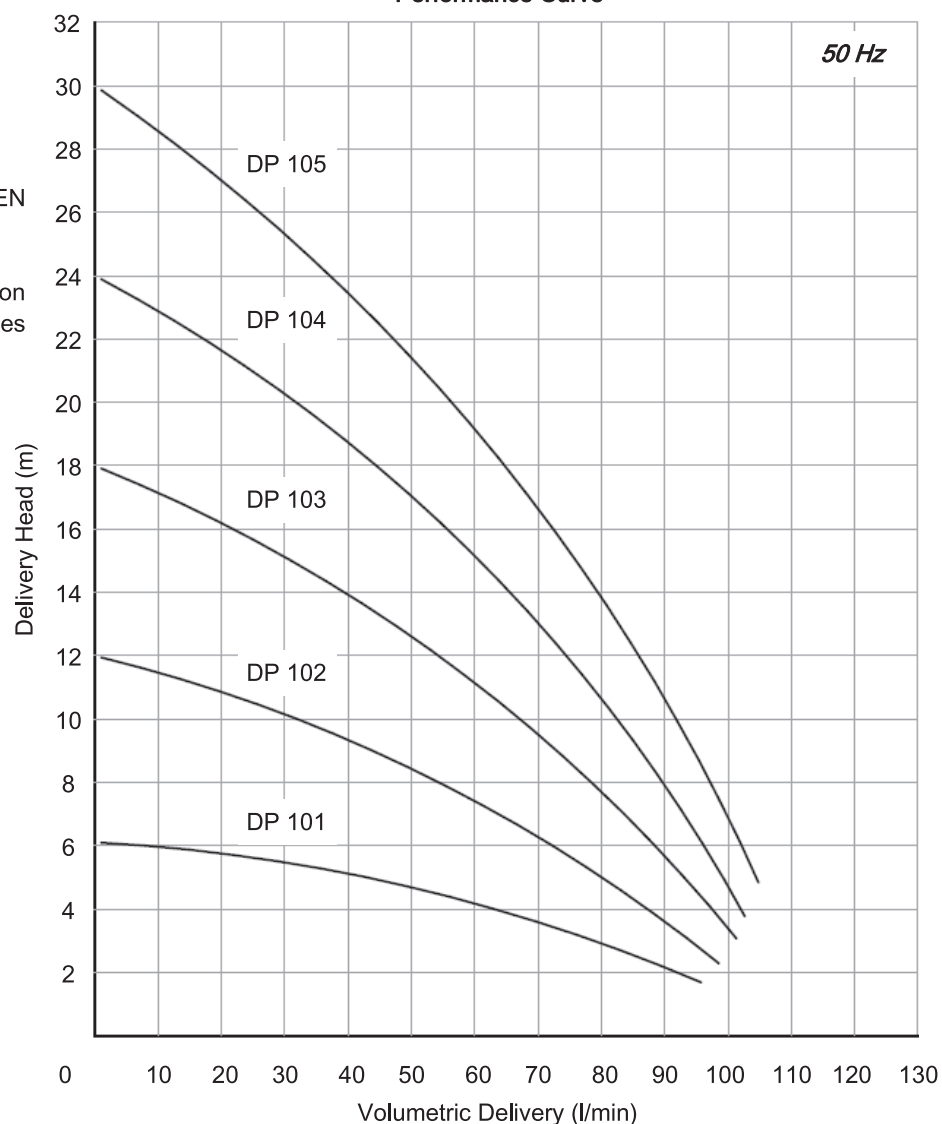
|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Pump body           | : PPS                                                                                                          |
| Stages              | : PPS                                                                                                          |
| Diffusers           | : PPS                                                                                                          |
| Impeller            | : PPS                                                                                                          |
| Cover               | : PPS                                                                                                          |
| Axial impeller      | : PPS                                                                                                          |
| Strainer (Optional) | : PE                                                                                                           |
| Pump shaft          | : Stainless steel - AISI 304 (DIN 1.4301)                                                                      |
| Electric motor      | : 3 phase induction motor<br>1 phase induction motor (Optional)<br>2 pole, 2900 rpm<br>Protection degree IP 54 |



## DIMENSIONS & NOMINAL VALUES

|            | Depth of Immersion | Weight |     |     | Power | Voltage | Frequency | Rated current | Speed     |      |
|------------|--------------------|--------|-----|-----|-------|---------|-----------|---------------|-----------|------|
| TYPE       | h (mm)             | a      | b   | c   | kg    | kW      | V(Δ/Y)    | Hz            | A         | rpm  |
|            |                    | mm     |     |     |       |         |           |               |           |      |
| DP 101/120 | 120                | 113    | 216 | 87  | 3.5   | 0.12    | 230/400   | 50            | 0.61/0.35 | 2880 |
| DP 101/170 | 170                |        |     |     | 3.6   |         |           |               |           |      |
| DP 101/220 | 220                |        |     |     | 3.7   |         |           |               |           |      |
| DP 101/270 | 270                |        |     |     | 3.8   |         |           |               |           |      |
| DP 102/160 | 160                | 113    | 216 | 87  | 4.0   | 0.18    | 230/400   | 50            | 0.85/0.49 | 2820 |
| DP 102/210 | 210                |        |     |     | 4.1   |         |           |               |           |      |
| DP 102/260 | 260                |        |     |     | 4.2   |         |           |               |           |      |
| DP 102/310 | 310                |        |     |     | 4.3   |         |           |               |           |      |
| DP 103/200 | 200                | 124    | 240 | 104 | 4.7   | 0.25    | 230/400   | 50            | 1.26/0.73 | 2760 |
| DP 103/250 | 250                |        |     |     | 4.8   |         |           |               |           |      |
| DP 103/300 | 300                |        |     |     | 4.9   |         |           |               |           |      |
| DP 103/350 | 350                |        |     |     | 5.0   |         |           |               |           |      |
| DP 104/240 | 240                | 124    | 240 | 104 | 5.4   | 0.37    | 230/400   | 50            | 2.16/1.25 | 2820 |
| DP 104/290 | 290                |        |     |     | 5.5   |         |           |               |           |      |
| DP 104/340 | 340                |        |     |     | 5.6   |         |           |               |           |      |
| DP 104/390 | 390                |        |     |     | 5.7   |         |           |               |           |      |
| DP 105/280 | 280                | 138    | 265 | 111 | 7.3   | 0.55    | 230/400   | 50            | 2.25/1.3  | 2780 |
| DP 105/330 | 330                |        |     |     | 7.4   |         |           |               |           |      |
| DP 105/380 | 380                |        |     |     | 7.5   |         |           |               |           |      |

Performance Curve



\* Pump dimensions according to EN 12157.

\*\* The performance curves are based on 1 mm<sup>2</sup>/s (cSt) kinematic viscosity values and 997 kg/m<sup>3</sup> density

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