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# BVP Process

## Washdown

Protection rating of IP 65

- Extremely robust drive
- Microprocessor controlled
- Ideal for applications in a dusty, humid or corrosive environment and in clean room areas (IP 65, dust-tight and protected against water jets)



CE

BVP Process drive  
(pump-heads on Pages 20 to 25)

### Interfaces



- Speed control  
(0–5 or 0–10V, 0–20 or 4–20mA)
- Speed output  
(0–10 V<sub>DC</sub> or 0–7.2 kHz)
- Start/Stop, rotation direction, autostart

### BVP Process

without dispensing functions

Flow rates, channels, rollers and differential pressure depend on the mounted pump-head (see Pages 20 to 25)

- **Membrane key-pad for speed setting, LED display**
- **Stainless steel housing**
- More than 20 pump-heads available
- Bayonet coupling system enables a system change without tools

### Specifications

Motor type	DC motor
Speed	1 – 240 rpm
Speed setting	rpm, resolution 0.1 rpm
Power consumption	120 W
Mains connection	85–264 V <sub>AC</sub> / 47–60 Hz
Protection rating	IP 65
Depth/Width/Height	220 x 155 x 260 mm (without pump-head)
Weight	6.9 kg (without pump-head)

### Ordering information

The complete pump system BVP Process consists of:

Drive	ISM 920
Pump-head	Pages 20 to 25
Tubing	Pages 30 to 39
Accessories	Page 61
Foot switch	IS10039

### Applications

With Easyload® II pump-head  
Continuous addition of ink for roller  
based printing machine