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BVP *Standard*

Economical

- Robust, powerful drive
- Variable speed



BVP *Standard* 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_{DC} or 0–12 kHz)
- Start/Stop, rotation direction

BVP *Standard*

without dispensing functions

- **3-digit potentiometer for speed setting**
 - More than 14 pump-heads available
 - Bayonet coupling system enables a system change without tools
- Flow rates, channels, rollers and differential pressure depend on the mounted pump-head (see Pages 20 to 25)

Specifications

Motor type	DC motor
Speed	2.4 – 240 rpm
Speed setting	1–99.9%, resolution 0.1 % 3-digit potentiometer
Power consumption	100 W
Mains connection	230V _{AC} /50Hz, 115V _{AC} /60Hz adjustable
Protection rating	IP 30
Depth/Width/Height	220 x 155 x 260 mm (without pump-head)
Weight	5.7 kg (without pump-head)

Ordering information

The complete pump system BVP *Standard* consists of:

Drive	ISM 444
Pump-head	Pages 20 to 25
Tubing	Pages 30 to 39
Accessories	Page 61
Foot switch	ISM 891

Applications

With pump-head CA12

Addition of tablet coating solution during pharmaceutical production (pump controlled by external flow-through measuring system)

With pump-head 380

Cross-flow filtration of dyes and suspensions over a number of days for subsequent use of the filtrate in the dyeing industry