

Technical Specifications

Hei-FLOW Value

Model	Hei-FLOW Value 01	Hei-FLOW Value 06
Flow rates single-channel pumps	0.85–861 ml/min	4.0–4,151 ml/min
Flow rates multi-channel pumps	0.005–364 ml/min	–
Flow rate accuracy*	±5%	±5%
Speed range	10–120 rpm	50–600 rpm
Speed setting	scale	scale
Electronic speed control	digital	digital
Control accuracy motor	±0.5%	±0.5%
Select direction of rotation	CW/CCW	CW/CCW
Motor power	100 W	100 W
Supply power	100 W	100 W
Analog interface	–	–
Digital interface	–	–
Flow rate indicator	–	–
Volume dosing	–	–
Interval dosing	–	–
Smooth start	–	–
Electronic brake	–	–
Foot-pedal connection	–	–
Continuous operation	hours/days	24/7
Safety feature	overheat protection	overheat protection
Weight	7.6 kg	7.1 kg
Dimensions	w/d/h	166×256×225 mm
Permissible ambient conditions	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity
Protection class	DIN EN 60529	IP 55

Standard supply voltage: 230 V. Other voltages upon request, please specify for order.

* Flow-rate accuracy pertains to water without counter pressure

Technical Specifications

Hei-FLOW Advantage

Model	Hei-FLOW Advantage 01	Hei-FLOW Advantage 06
Flow rates single-channel pumps	0.38–813 ml/min	2.0–4,056 ml/min
Flow rates multi-channel pumps	0.005–329 ml/min	–
Flow rate accuracy*	±3.5%	±3.5 %
Speed range	5–120 rpm	24–600 rpm
Speed setting	scale	scale
Electronic speed control	digital	digital
Control accuracy motor	±0.5%	±0.5 %
Select direction of rotation	CW/CCW	CW/CCW
Motor power	100 W	100 W
Supply power	100 W	100 W
Analog interface	for speed 0–10 V / 4–20 mA direction of rotation start/stop	for speed 0–10 V / 4–20 mA direction of rotation start/stop
Digital interface	–	–
Flow rate indicator	–	–
Volume dosing	–	–
Interval dosing	–	–
Smooth start	–	–
Electronic brake	–	–
Foot-pedal connection	yes	yes
Continuous operation	hours/days 24/7	24/7
Safety feature	electronic current limiter and overheat protection	electronic current limiter and overheat protection
Weight	7.6 kg	7.3 kg
Dimensions	w/d/h 166×256×225 mm	166×256×225 mm
Permissible ambient conditions	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity
Protection class	DIN EN 60529 IP 55	IP 55

Standard supply voltage: 230 V. Other voltages upon request, please specify for order.

* Flow-rate accuracy pertains to water without counter pressure

Technical Specifications

Hei-FLOW Precision

Model	Hei-FLOW Precision 01	Hei-FLOW Precision 06
Flow rates single-channel pumps	0.38– 813 ml/min	2.0–4,056 ml/min
Flow rates multi-channel pumps	0.005–329 ml/min	–
Flow rate accuracy*	±1 %	±2%
Speed range	5–120 rpm	24–600 rpm
Speed setting	digital	digital
Electronic speed control	digital	digital
Control accuracy motor	±0.5%	±0.5%
Select direction of rotation	CW/CCW	CW/CCW
Motor power	100 W	100 W
Supply power	100 W	100 W
Analog interface	for speed 0–10 V / 4–20 mA direction of rotation start/stop	for speed 0–10 V / 4–20 mA direction of rotation start/stop
Digital interface	RS 232	RS 232
Flow rate indicator	digital	digital
Volume dosing	0.001–9,999 ml	0.001–9,999 ml
Interval dosing	0.001–9,999 ml in breaks 0.1 sec–750 h	0.001–9,999 ml in breaks 0.1 sec–750 h
Smooth start	yes	yes
Electronic brake	yes	yes
Foot-pedal connection	yes	yes
Continuous operation	hours/days 24/7	24/7
Safety feature	electronic current limiter and overheat protection	electronic current limiter and overheat protection
Weight	7.7 kg	7.3 kg
Dimensions	w/d/h 166×256×225 mm	166×256×225 mm
Permissible ambient conditions	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity
Protection class	DIN EN 60529 IP 55	IP 55

Standard supply voltage: 230 V. Other voltages upon request, please specify for order.

* Flow-rate accuracy pertains to water without counter pressure