



• Product Features

- Servo motor drive, powerful and maintenance-free.
- 3 digital LED display motor speed, rotary encoded switch control.
- Suitable for industrial sites, transfer liquid with large flow and high precision.

• Model Number

HF-M6-3L/HF-DZ25-3L
 HF-M6-6L/HF-DZ25-6L
 HF-M6-12L/HF-YZ35

• Product Composition and Flow Rate Range

Drive	Motor type	Pump Head	Tubing Size	Speed Range (rpm)	Flow Rate(mL/min)
HF-M6-3L	Servo motor	HF-DZ25-3L	15#, 24#, 35#, 36#	0,1-600	0,211~3600
HF-M6-6L		HF-DZ25-6L	15#, 24#, 35#, 36#		0,3~6000
HF-M6-12L		HF-YZ35	26#, 73#, 82#		0,69~12000

HF-M6

- Technical Specifications

Flow rate range	HF-M6-3L: 0,21~3600 ml/min	Start/stop, direction signal	Passive switch signal, such as foot pedal
	HF-M6-6L: 0,3~6000 ml/min		Active switch signal: 24V default
	HF-M6-12L: 0,00069~12 l/min	Communication interface	RS232 (standard), Hygiaflex-N232 Communication protocol
Speed resolution	0,1-600 rpm		RS485 (optional), Modbus protocol (RTU mode)
Speed range	0-100 rpm, 0,1 rpm;	Power supply	AC220V±10 % 50Hz/60Hz (standard)
	100-600 rpm, 1 rpm.		AC110V±10 % 50Hz/60Hz (optional)
Flow rate accuracy	<±0,5 %	Drive dimension (L×W×H)	HF-M6-3L: 223×152×199mm
Motor type	Servo motor		HF-M6-6L: 283×192×274mm
Display	3 digital LED		HF-M6-12L: 302×222×331mm
Control method	Mechanical keypad	Drive weight	HF-M6-3L: 5.02kg; M6-6L: 7,85 kg
Keypad lifetime	300.000 times		HF-M6-12L: 13,14 kg
Speed control	Rotary encoded switch	Power consumption	HF-M6-3L: <80W; M6-6L: <180W
External speed control signal	0-5V(standard), 0.10V, 4-220mA (optional)		HF-M6-12L: <300W
		Condition temperature	0-40°C
IP rate	IP31	Relative humidity	<80 %