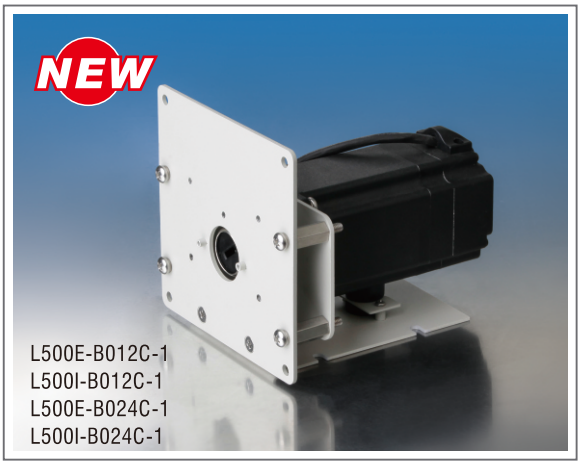
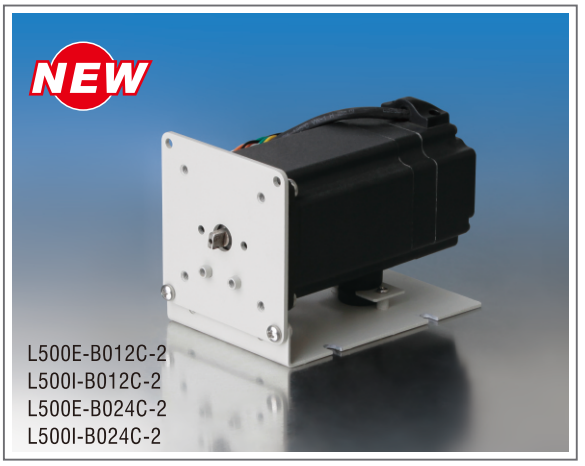
OEM Variable Speed Peristaltic Pump

Max. Flow Rate
5000 mL/min
2500 mL/min

Brushless DC Motor Series



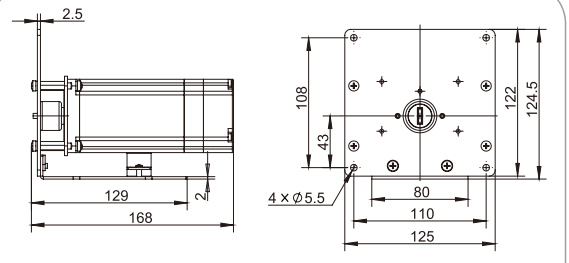


- Brushless DC motor with built in controller has better reliability, longer life time and much lower noise.
- Simple to control the speed by potentiometer or 0-4V analogue signal.
- Fitted with different pump heads.
- Soleplate or panel installation.

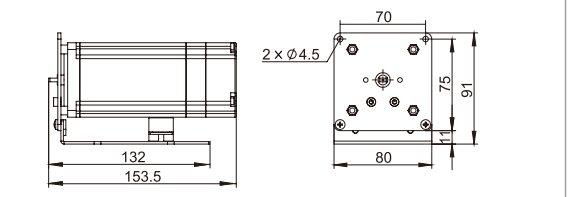
Pump Specification

Items	Specification
Speed	50rpm-500rpm, CW/CCW
Speed resolution	1rpm
Direction control	Direction is controlled by external switch signal. CW when switch is closed, CCW when switch is open.
Start/stop control	Start/stop is controlled by external switch signal. Pump runs when switch is closed, stops when switch is open.
Speed control	Built-in, Potentiometer control or 0-4V analogue signal control
Brake	The function of motor brake in second is controlled by external switch signal. Motor brakes when switch is closed.
Operating Tempature	0 to 40℃
Relative humidity	＜80%
Power supply	12VDC/80W or 24VDC/80W
Weight	Pump drive for YZ pump head: 2.33kg Pump drive for KZ10/KZ15 pump head: 2.03kg

Installation Drawing



For YZ, FG, DMD, BZ pump heads



For KZ10,KZ15 pump head

Model (Product code, Speed control, Power supply)	Pump head	Tubing	Max. Flow Rate (mL/min)	Weight(kg)
L500E-B012C-1 (05.71.100, 0-4V, 12VDC) L500I-B012C-1 (05.71.101, [knob], 12VDC) L500E-B024C-1 (05.71.102, 0-4V, 24VDC) L500I-B024C-1 (05.71.103, [knob], 24VDC)	YZ1515x, YZII15	13# 14# 19# 16# 25# 17# 18#	1830	2.73
	YZ2515x	15# 24#	1330	
	YZII25	15# 24# 35# 36#(36#only can be used for the pump with 24VDC)	1830(pump with 12VDC) 2500(pump with 24VDC)	
	FG15-13	13# 14# 19# 16# 25# 17# 18#	1790	2.61
	FG25-13	15# 24#	1600	
	DMD15-13-B、DMD15-13-D	2×13# 2×14# 2×19# 2×16#	1720	2.76
	BZ15-13-A	14#	125	
	BZ15-13-B	16#	380	2.64
	BZ15-13-C	25#	800	
	BZ15-13-D	17#	1340	
	BZ25-13-B	24#	2340	
L500E-B012C-2(05.71.104, 0-4V, 12VDC) L500I-B012C-2(05.71.105, [knob], 12VDC)	(1、2、3、4) × KZ15-14 (Max.Speed: 450rpm)	13# 14# 19# 16#	190	2.13-2.43
L500E-B024C-2(05.71.106, 0-4V, 24VDC) L500I-B024C-2(05.71.107, [knob], 24VDC)	(1、2、3、4) × KZ10-24 (Max.Speed: 450rpm)	ID≤2.79mm Wall thickness 0.86mm	104	

Note: [knob]--Potentiometer with knob.

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