

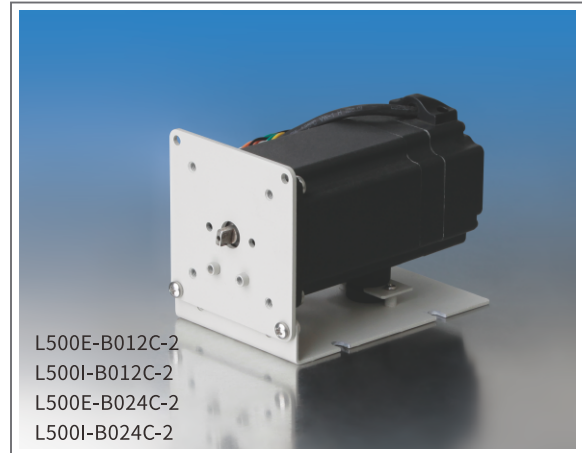
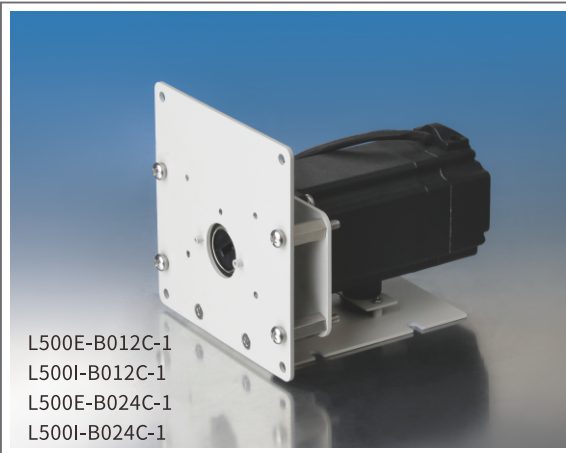
OEM Variable Speed Peristaltic Pump

Max. Flow Rate



DC Brushless Motor Series

OEM PERISTALTIC PUMP

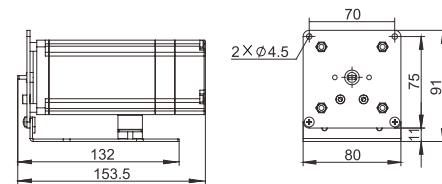
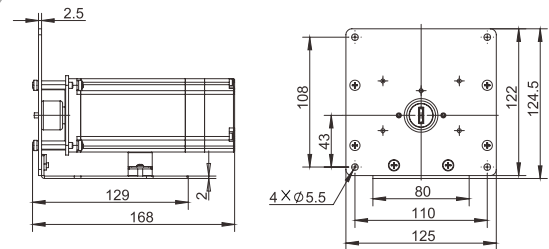


- Brushless DC motor with built in controller has better reliability, longer life time and much lower noise.
- Simple to control the speed by potentiometer or 0-4V analogue signal.
- Fitted with different pump heads.
- Soleplate or panel installation.

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 Temperature	0 to 40°C <80°C
Relative humidity	12VDC/80W or 24VDC/80W
Power supply	Pump drive for YZ pump head: 2.33kg
Weight	Pump drive for KZ10/KZ15 pump head: 2.03kg

Installation Drawing



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)	YZ1515x, YZ1115	13" 14" 19" 16" 25" 17" 18"	1830	2.73
	YZ2515x	15" 24"	1330	
	YZ1125	15" 24" 35" 36" (36" only can be used for the pump with 24VDC)	1830 (pump with 12VDC) 2500 (pump with 24VDC)	2.61
	FG15-13	13" 14" 19" 16" 25" 17" 18"	1790	
L500I-B012C-1 (05.71.101, [knob], 12VDC)	FG25-13	15" 24"	1600	2.76
	DMD15-13-B, DMD15-13-D	2×13" 2×14" 2×19" 2×16"	800	
	BZ15-13-A	14"	125	2.64
	BZ15-13-B	16"	380	
L500E-B024C-1 (05.71.102, 0-4V, 24VDC)	BZ15-13-C	25"	800	
	BZ15-13-D	17"	1340	
	BZ25-13-B	24"	2340	
	BZ15-13-E	18"	125	
L500I-B024C-1 (05.71.103, [knob], 24VDC)	BZ15-13-F	19"	125	2.64
	BZ15-13-G	20"	125	
	BZ15-13-H	21"	125	
	BZ15-13-I	22"	125	
L500E-B012C-2 (05.71.104, 0-4V, 12VDC) L500I-B012C-2 (05.71.105, [knob], 12VDC) L500E-B024C-2 (05.71.106, 0-4V, 24VDC) L500I-B024C-2 (05.71.107, [knob], 24VDC)	(1, 2, 3, 4) × KZ15-14 (Max.Speed: 450rpm)	13" 14" 19" 16"	190	2.13-2.43
	(1, 2, 3, 4) × KZ10-24 (Max.Speed: 450rpm)	ID≤2.79mm Wall thickness 0.86mm	104	
	(1, 2, 3, 4) × KZ15-14 (Max.Speed: 450rpm)	13" 14" 19" 16"	190	
	(1, 2, 3, 4) × KZ10-24 (Max.Speed: 450rpm)	ID≤2.79mm Wall thickness 0.86mm	104	

*Note: [knob]--Potentiometer with knob.