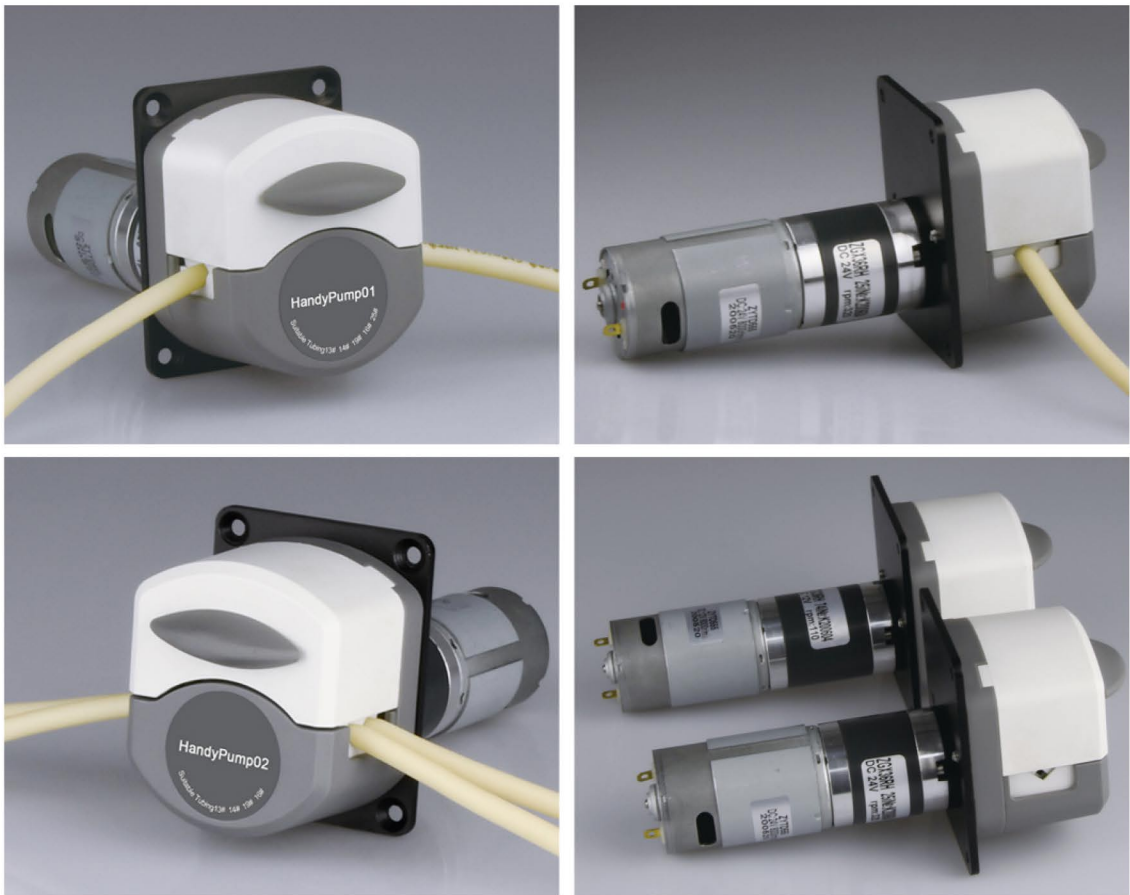




OEM-HYXZ Series



Technical Specification

Pump head	Handypump01/Handypump02	Suitable tubing	Silicone, Tygon, Pharmed, Norprene Chemical
Roller number	3	Motor type	Planetary gear DC motor
Flow rate	0.0033-365.69mL/min	Motor life	≤1000hours

Model No.	Speed(rpm) ±10%	Power Supply	Power Consumption	Condition Temperature	Humidity
OEM-HYXZ001	300	DC24V/4A	30W	0-40℃	≤80%RH
OEM-HYXZ002	200				
OEM-HYXZ003	100				
OEM-HYXZ101	300	DC12V/5A			
OEM-HYXZ102	200				
OEM-HYXZ103	100				

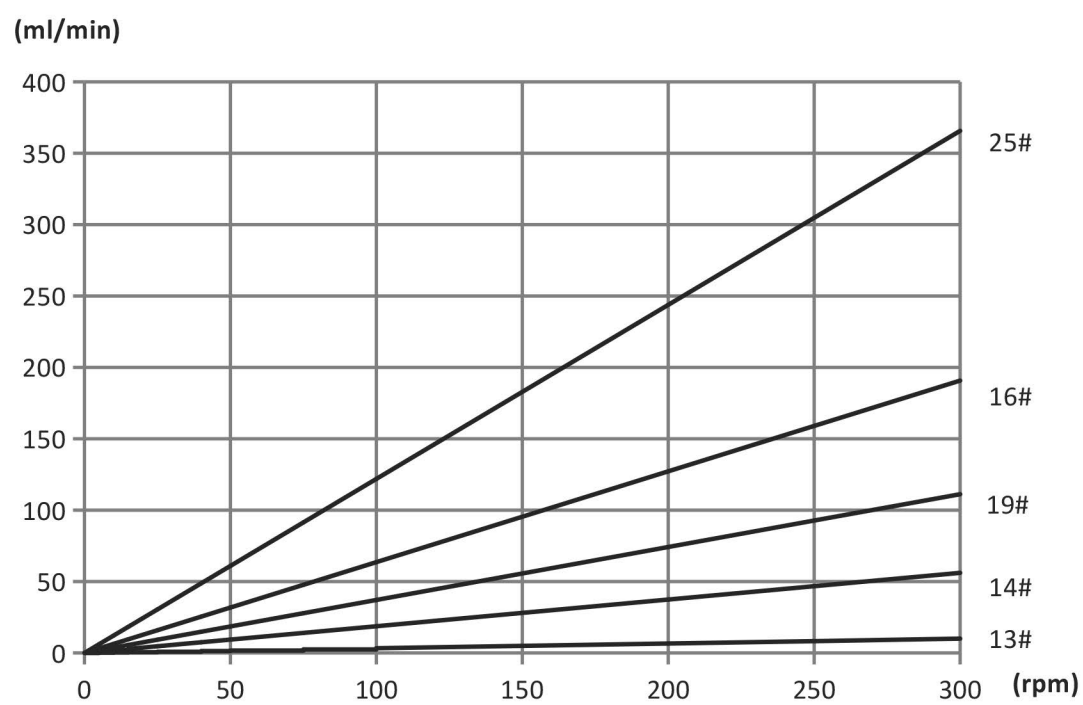
Flow Data

Pump Head	Channel number	Tubing	ID×Wall thickness(mm)	mL / r	Speed(rpm)	Flow Rate(mL/min)	Weight(kg)
HandyPump01	Single channel	13#	0.8 × 1.6	0.033	0.1~300	0.0033~10.03	0.224
		14#	1.6 × 1.6	0.187		0.0187~56.09	
		19#	2.4 × 1.6	0.371		0.0371~111.17	
		16#	3.1 × 1.6	0.636		0.0636~190.76	
		25#	4.8 × 1.6	1.219		0.1219~365.69	
HandyPump02	Dual channel	13#	0.8 × 1.6	0.033	0.1~300	0.0033~10.03	0.224
		14#	1.6 × 1.6	0.187		0.0187~56.09	
		19#	2.4 × 1.6	0.371		0.0371~111.17	
		16#	3.1 × 1.6	0.636		0.0636~190.76	

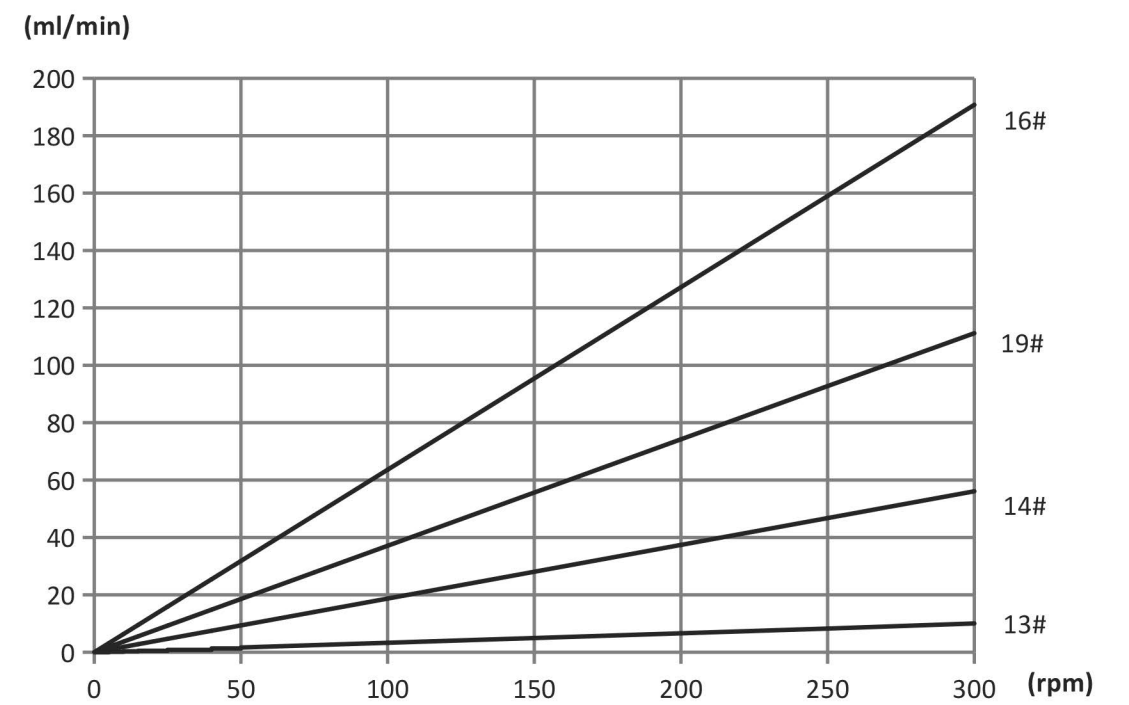
Note: Flow data measured with water and silicone tubing. This may vary considerably depending on the tube type, use period, ambient temperature, and lot tolerances, etc.



Single channel

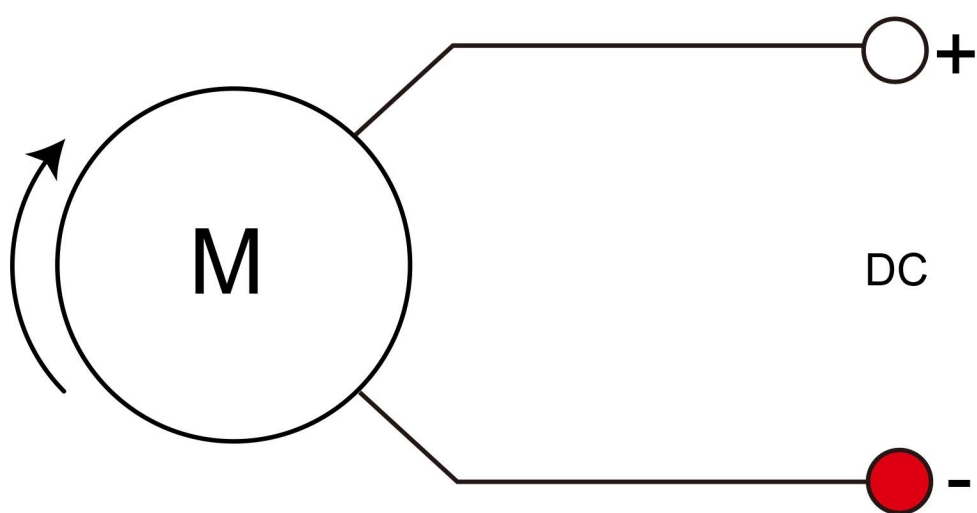


Dual channel

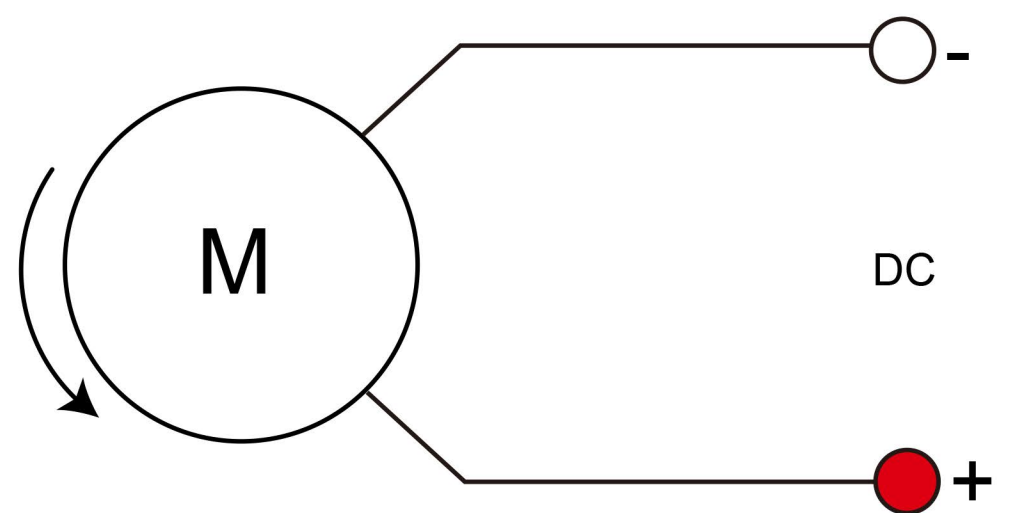


Motor Interface Definition

CW

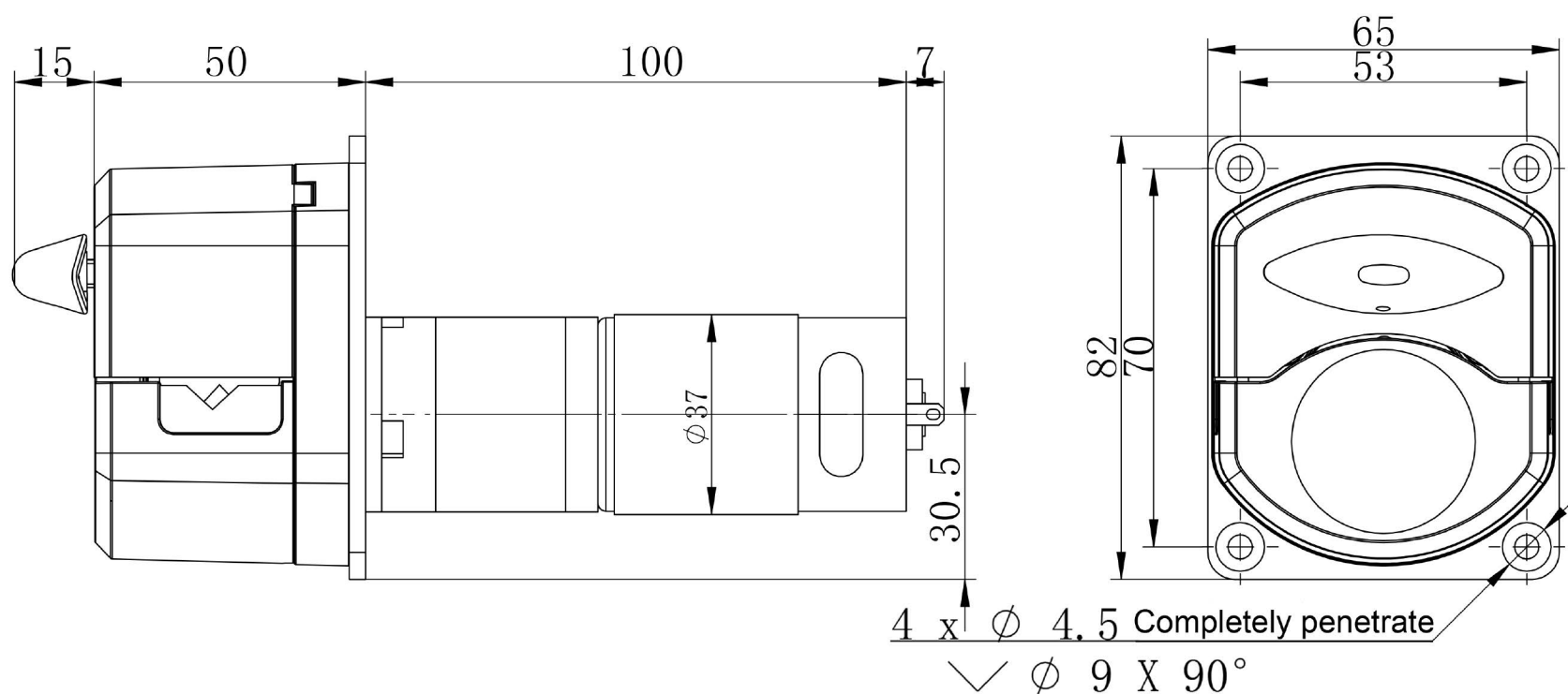


CCW

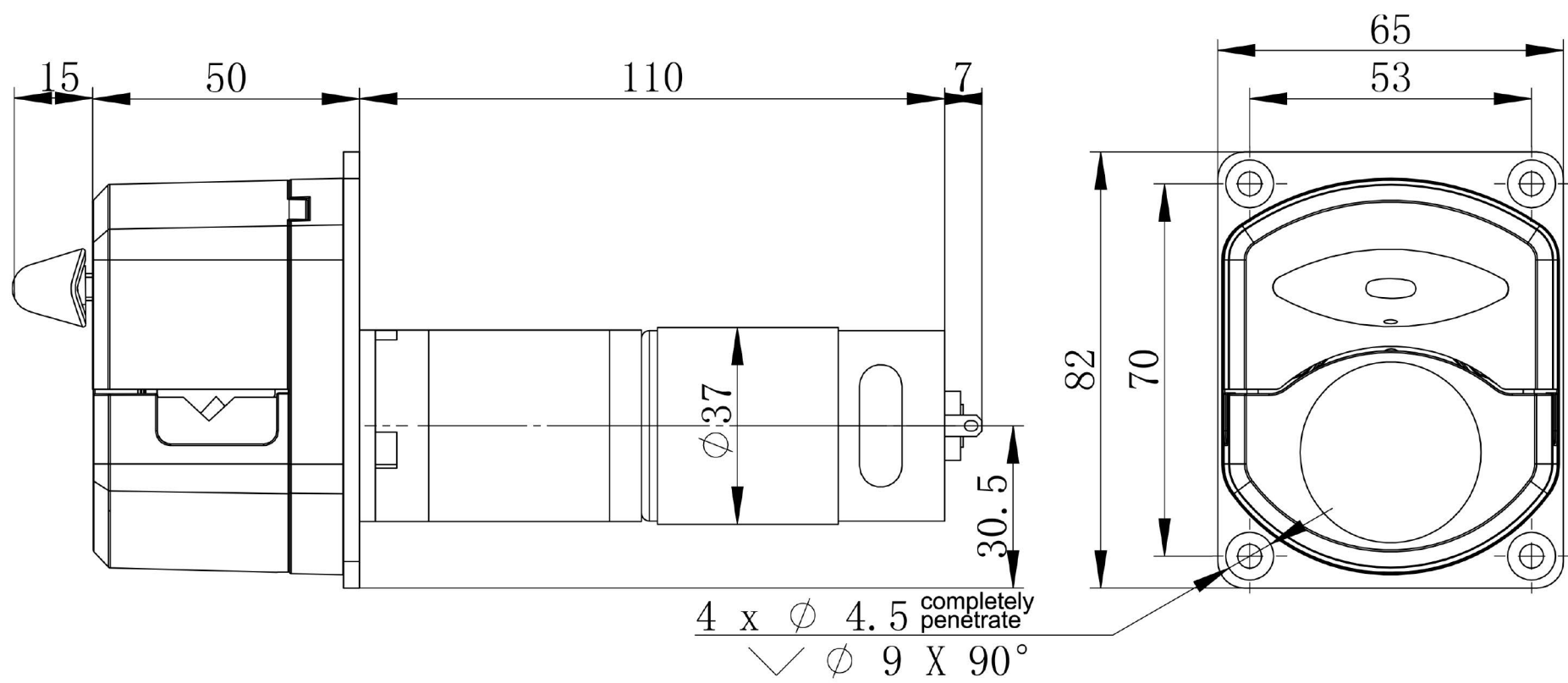


Dimension Drawing (Unit:mm)

OEM-HYBZ001



OEM-HYBZ003



Tubing Installation Procedure



A. Turn the knob anticlockwise 180 ° ,open the upper block.



B. Put the tube between rollers and upper block, tighten up the tubing lightly.



C. Turn the knob clockwise 180 ° , put the upper block back to original position, fasten the tube.