

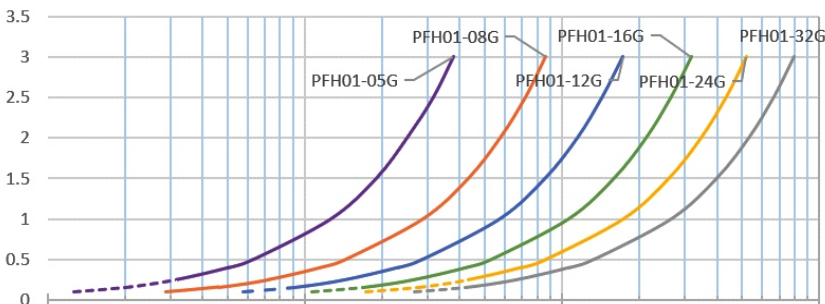
dPOFLEX® High Precise Peristaltic Pump Filling System

PFH01,PFH02

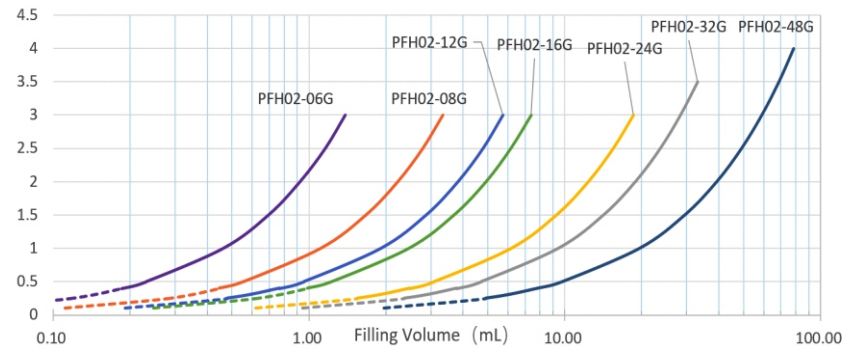


- Small footprint, compact structure
- Anodised aluminum housing for good corrosion
- Precise filling of micro-volumes as low as 30uL with accuracy better than $\pm 1\%$
- Phase compensation structure for low pulse performance

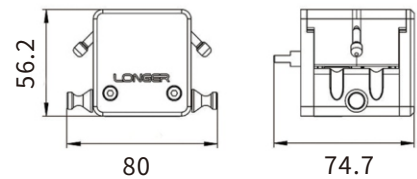
Microliter Pump Head PFH01 Capacity



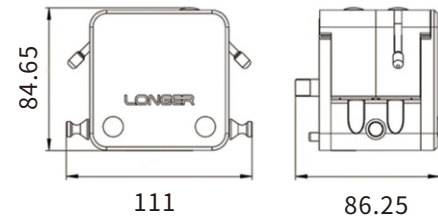
Milliliter Pump Head PFH02 Capacity



PFH01(0.51kg)



PFH02(1.26kg)



Pump Head Model	Roller Material	Roller Number	Speed (rpm)	Tubing ID (mm)	Max Flow Rate (mL/min)	Recommended Filling Volume (Accuracy $\leq \pm 1\%$)	Max Filling Volume per Second	Recommended Filling Nozzle ID (mm)
PFH01	Stainless Steel	12	≤ 350	0.5	7	30uL	118uL	0.3 or 0.6
				0.8	17	42uL	269uL	0.6
				1.2	34	90uL	534uL	1
				1.6	63	132uL	987uL	1 or 0.6
				2.4	104	400uL	1.61mL	1.6
				3.2	159	760uL	2.47mL	1.6 or 3.2
PFH02	Stainless Steel	8	≤ 450	0.6	27	0.2mL	0.42mL	0.6
				0.8	66	0.4mL	1.03mL	0.6
				1.2	114	0.5mL	1.78mL	1
				1.6	147	0.8mL	2.29mL	1 or 1.6
				2.4	371	1.16mL	5.77mL	1.6
				3.2	566	2.15mL	8.80mL	1.6 or 3.2
				4.8	1178	3mL	18.28mL	3.2 or 4.5