

# FCS KA2

Flip-top peristaltic pump with  
Nema 17 Stepper Motor.



## Technical Data

### Flow per Revolution

ID Ø 1.6 mm	190 / 170 µl per revolution (4 / 6 Rollers)
ID Ø 2.4 mm	390 / 320 µl per revolution (4 / 6 Rollers)
ID Ø 3.2 mm	660 / 495 µl per revolution (4 / 6 Rollers)
ID Ø 4.8 mm	1250 / 830 µl per revolution (4 / 6 Rollers)

### Flow at 500 rpm (max recommended speed)

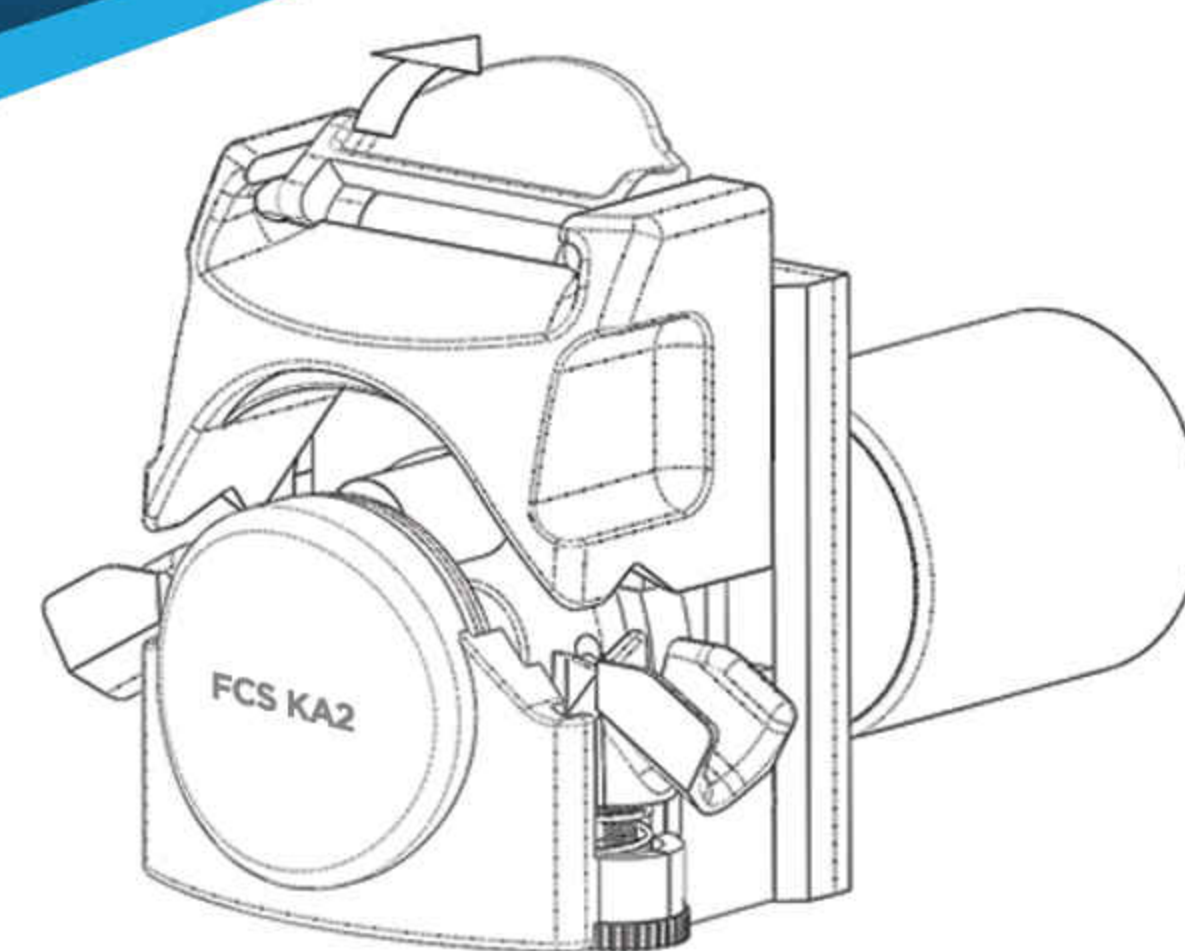
ID Ø 1.6 mm	95 / 85 ml/min (4 / 6 Rollers)
ID Ø 2.4 mm	195 / 160 ml/min (4 / 6 Rollers)
ID Ø 3.2 mm	330 / 257 ml/min (4 / 6 Rollers)
ID Ø 4.8 mm	625 / 415 ml/min (4 / 6 Rollers)

### Available Configurations

Stepper motor (without driver)

Stepper motor with analogue driver (A2) , 0 to 5V speed input

All data measured with 'run-in' Pharm-a-line tubing and H<sub>2</sub>O.



### General Data

Max pressure	2.0 bar
Max suction height (dry)	9 m H <sub>2</sub> O
Motor life	>10000 hour
Weight (without driver)	1425g

### Power Consumption

(including A2 driver)	7.0 to 12.0
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### Tubing

Material	Pharm-a-line / Silicone Lagoprene / ED-Plex
ID Ø range	ID Ø 1.6 to 4.8 mm
Wall thickness	1.6 mm