

Chemical Dosing Pumps B3-V and BH3-V

Peristaltic pumps are typically used to pump clean/sterile or aggressive fluids without exposing those fluids to contamination from exposed pump components. Some common applications include pumping aggressive chemicals, high solids slurries and other materials where isolation of the product from the environment, and the environment from the product, are critical. Our new B3-V and BH3-V series pumps replace the earlier BF series

BH3-V



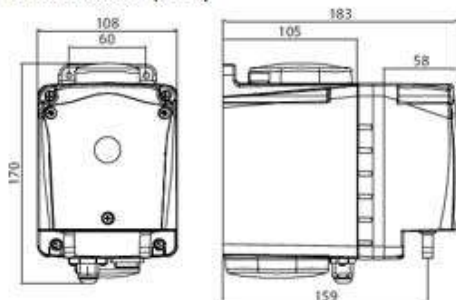
B3-V



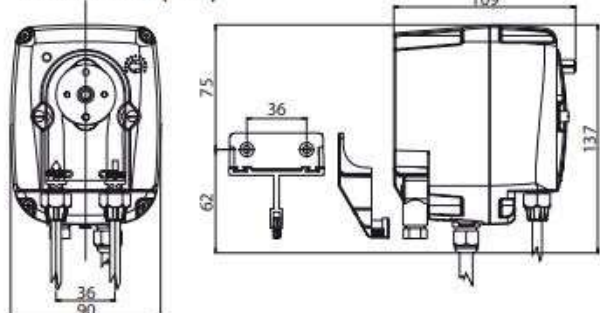
Flow Rate 1/h - GPH	Pressure Bar - PSI	Current Comp. Watts	Rotation Speed g/min - rpm	Net weight Kg	Tube Size Ø
100-26.42	1-14	18	150	1.50	9.6x15.9

Flow Rate 1/h - GPH	Pressure Bar - PSI	Current Comp. Watts	Rotation Speed g/min - rpm	Net weight Kg	Tube Size Ø
1-0.26	3-43	6.0	34	0.70	3.2x9.6
4-1.06	3-43	6.0	47	0.70	4.8x9.6
12-3.17	1-14	6.0	90	0.70	6.0x9.0

Dimensions (mm)



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Common Features

Peristaltic dosing pumps B3-V and BH3-V are equipped with new electronic control circuits with switching power running regulating motor rotation with more precision, reliability, and regularity. Switching powers have had a larger use in the industrial field because of their vantages:

- Lower weight (up to 50%)
- Lower heating with a consequential longer pump life
- They have a performance reaching easily 80-90% versus 30-60% of linears
- Power output feeding pump is not affected by unforeseen alterations of tension net, whereas in these cases it would be necessary supply an oversized transformer in the linear powers, increasing energetic leakages.

Operation cycle (performance) is improved and it is more fluent and homogeneous. Better performances are reached with a lower power consumption. New peristaltic pumps can work with a power supply between 90 and 260 VAC.