

100 series with AC powered motors

Specification Sheet 1 (last updated May 2011)



The 100 series, micro range of peristaltic pumps offer OEM's a low cost, compact and reliable means of dosing a wide range of liquids. They are available in various configurations of tubing type/ID bore as detailed below. The easiest way to place an order or check prices is via our online shop at <http://www.williamson-shop.co.uk> but please contact us for any requirements not listed or to place an order over the phone. **Important: These pumps are not suitable for use in wet areas/high humidity and should be fitted by a suitably qualified person.**

| Model No | Series | ml/min | RPM | Voltage | Tube id/material | Watts |
|-------------------|-----------------|--------|-------|---------|------------------|-------|
| 100.003.115.008/2 | 100 series pump | <1 | 3rpm | 115vAC | 0.8mm silicone | 5 |
| 100.003.115.008/4 | 100 series pump | <1 | 3rpm | 115vAC | 0.8mm silicone | 5 |
| 100.003.230.008/2 | 100 series pump | <1 | 3rpm | 230vAC | 0.8mm silicone. | 5 |
| 100.003.230.008/4 | 100 series pump | <1 | 3rpm | 230vAC | 0.8mm silicone. | 5 |
| 100.015.115.008/2 | 100 series pump | <1 | 15rpm | 115vAC | 0.8mm silicone. | 5 |
| 100.015.115.008/4 | 100 series pump | <1 | 15rpm | 115vAC | 0.8mm silicone. | 5 |
| 100.015.230.008/2 | 100 series pump | <1 | 15rpm | 230vAC | 0.8mm silicone. | 5 |
| 100.015.230.008/4 | 100 series pump | <1 | 15rpm | 230vAC | 0.8mm silicone. | 5 |
| 100.030.115.008/2 | 100 series pump | 1 | 30rpm | 115vAC | 0.8mm silicone. | 5 |
| 100.030.115.008/4 | 100 series pump | 1 | 30rpm | 115vAC | 0.8mm silicone. | 5 |
| 100.030.230.008/2 | 100 series pump | 1 | 30rpm | 230vAC | 0.8mm silicone. | 5 |
| 100.030.230.008/4 | 100 series pump | 1 | 30rpm | 230vAC | 0.8mm silicone. | 5 |
| 100.003.115.016/2 | 100 series pump | <1 | 3rpm | 115vAC | 1.6mm silicone | 5 |
| 100.003.115.016/4 | 100 series pump | <1 | 3rpm | 115vAC | 1.6mm silicone | 5 |
| 100.003.230.016/2 | 100 series pump | <1 | 3rpm | 230vAC | 1.6mm silicone. | 5 |
| 100.003.230.016/4 | 100 series pump | <1 | 3rpm | 230vAC | 1.6mm silicone. | 5 |
| 100.015.115.016/2 | 100 series pump | 2 | 15rpm | 115vAC | 1.6mm silicone. | 5 |
| 100.015.115.016/4 | 100 series pump | 1 | 15rpm | 115vAC | 1.6mm silicone. | 5 |
| 100.015.230.016/2 | 100 series pump | 2 | 15rpm | 230vAC | 1.6mm silicone. | 5 |
| 100.015.230.016/4 | 100 series pump | 1 | 15rpm | 230vAC | 1.6mm silicone. | 5 |
| 100.030.115.016/2 | 100 series pump | 3 | 30rpm | 115vAC | 1.6mm silicone. | 5 |
| 100.030.115.016/4 | 100 series pump | 2 | 30rpm | 115vAC | 1.6mm silicone. | 5 |
| 100.030.230.016/2 | 100 series pump | 3 | 30rpm | 230vAC | 1.6mm silicone. | 5 |
| 100.030.230.016/4 | 100 series pump | 2 | 30rpm | 230vAC | 1.6mm silicone. | 5 |
| 100.003.115.030/2 | 100 series pump | 1 | 3rpm | 115vAC | 3mm silicone | 5 |
| 100.003.115.030/4 | 100 series pump | 1 | 3rpm | 115vAC | 3mm silicone | 5 |
| 100.003.230.030/2 | 100 series pump | 1 | 3rpm | 230vAC | 3mm silicone. | 5 |
| 100.003.230.030/4 | 100 series pump | 1 | 3rpm | 230vAC | 3mm silicone. | 5 |
| 100.015.115.030/2 | 100 series pump | 4 | 15rpm | 115vAC | 3mm silicone. | 5 |
| 100.015.115.030/4 | 100 series pump | 3 | 15rpm | 115vAC | 3mm silicone. | 5 |
| 100.015.230.030/2 | 100 series pump | 4 | 15rpm | 230vAC | 3mm silicone. | 5 |
| 100.015.230.030/4 | 100 series pump | 3 | 15rpm | 230vAC | 3mm silicone. | 5 |
| 100.030.115.030/2 | 100 series pump | 8 | 30rpm | 115vAC | 3mm silicone. | 5 |
| 100.030.115.030/4 | 100 series pump | 7 | 30rpm | 115vAC | 3mm silicone. | 5 |
| 100.030.230.030/2 | 100 series pump | 8 | 30rpm | 230vAC | 3mm silicone. | 5 |
| 100.030.230.030/4 | 100 series pump | 7 | 30rpm | 230vAC | 3mm silicone. | 5 |

Please Note: the number of rollers is indicated by the last figure of the "Model No", i.e. 102.030.230.008/2 has 2 rollers.

The flow rates shown on this website were calculated either by measuring the flow rate on the stated voltage with a one metre suction lift and zero discharge head pumping ordinary tap water with an ambient temperature of 20C or extrapolated from those figures by factoring for different gearshift rotation speed. The flow rates given should only be used as a guide and customers should run their own tests on their own application. We reserve the right to make changes to the pump which may result in variations to these figures and reserve the right to do this without notice. Customers should also check regularly to see if the published figures have changed in case it affects their system. The Williamson Manufacturing Company Ltd provides no warranty on usage of pumps. We recommend that life tests be carried out prior to use. This information is given in good faith and believed to be correct and current at time of publishing. The Williamson Manufacturing Company Ltd cannot accept responsibility for its inaccuracy or any errors or omissions contained herein. Copyright The Williamson Manufacturing Company Ltd 2011.

100 series with AC powered motors (cont)

Specification Sheet 2 (last updated May 2011)



The 100 series, micro range of peristaltic pumps offer OEM's a low cost, compact and reliable means of dosing a wide range of liquids. They are available in various configurations of tubing type/ID bore as detailed below. The easiest way to place an order or check prices is via our online shop at <http://www.williamson-shop.co.uk> but please contact us for any requirements not listed or to place an order over the phone. **Important: These pumps are not suitable for use in wet areas/high humidity and should be fitted by a suitably qualified person.**

| Model No | Series | ml/min | RPM | Voltage | Tube id/material | Watts |
|-------------------|-----------------|--------|-------|---------|------------------|-------|
| 101.003.115.008/2 | 100 series pump | <1 | 3rpm | 115vAC | 0.8mm Norprene® | 5 |
| 101.003.115.008/4 | 100 series pump | <1 | 3rpm | 115vAC | 0.8mm Norprene® | 5 |
| 101.003.230.008/2 | 100 series pump | <1 | 3rpm | 230vAC | 0.8mm Norprene® | 5 |
| 101.003.230.008/4 | 100 series pump | <1 | 3rpm | 230vAC | 0.8mm Norprene® | 5 |
| 101.015.115.008/2 | 100 series pump | <1 | 15rpm | 115vAC | 0.8mm Norprene® | 5 |
| 101.015.115.008/4 | 100 series pump | <1 | 15rpm | 115vAC | 0.8mm Norprene® | 5 |
| 101.015.230.008/2 | 100 series pump | <1 | 15rpm | 230vAC | 0.8mm Norprene® | 5 |
| 101.015.230.008/4 | 100 series pump | <1 | 15rpm | 230vAC | 0.8mm Norprene® | 5 |
| 101.030.115.008/2 | 100 series pump | 1 | 30rpm | 115vAC | 0.8mm Norprene® | 5 |
| 101.030.115.008/4 | 100 series pump | 1 | 30rpm | 115vAC | 0.8mm Norprene® | 5 |
| 101.030.230.008/2 | 100 series pump | 1 | 30rpm | 230vAC | 0.8mm Norprene® | 5 |
| 101.030.230.008/4 | 100 series pump | 1 | 30rpm | 230vAC | 0.8mm Norprene® | 5 |
| 101.003.115.008/2 | 100 series pump | <1 | 3rpm | 115vAC | 0.8mm Norprene® | 5 |
| 101.003.115.016/2 | 100 series pump | <1 | 3rpm | 115vAC | 1.6mm Norprene® | 5 |
| 101.003.115.016/4 | 100 series pump | <1 | 3rpm | 115vAC | 1.6mm Norprene® | 5 |
| 101.003.230.016/2 | 100 series pump | <1 | 3rpm | 230vAC | 1.6mm Norprene® | 5 |
| 101.003.230.016/4 | 100 series pump | <1 | 3rpm | 230vAC | 1.6mm Norprene® | 5 |
| 101.015.115.016/2 | 100 series pump | 1 | 15rpm | 115vAC | 1.6mm Norprene® | 5 |
| 101.015.115.016/4 | 100 series pump | 1 | 15rpm | 115vAC | 1.6mm Norprene® | 5 |
| 101.015.230.016/2 | 100 series pump | 1 | 15rpm | 230vAC | 1.6mm Norprene® | 5 |
| 101.015.230.016/4 | 100 series pump | 1 | 15rpm | 230vAC | 1.6mm Norprene® | 5 |
| 101.030.115.016/2 | 100 series pump | 3 | 30rpm | 115vAC | 1.6mm Norprene® | 5 |
| 101.030.115.016/4 | 100 series pump | 2 | 30rpm | 115vAC | 1.6mm Norprene® | 5 |
| 101.030.230.016/2 | 100 series pump | 3 | 30rpm | 230vAC | 1.6mm Norprene® | 5 |
| 101.030.230.016/4 | 100 series pump | 2 | 30rpm | 230vAC | 1.6mm Norprene® | 5 |
| 101.003.115.030/2 | 100 series pump | 1 | 3rpm | 115vAC | 3mm Norprene® | 5 |
| 101.003.115.030/4 | 100 series pump | <1 | 3rpm | 115vAC | 3mm Norprene® | 5 |
| 101.003.230.030/2 | 100 series pump | 1 | 3rpm | 230vAC | 3mm Norprene® | 5 |
| 101.003.230.030/4 | 100 series pump | <1 | 3rpm | 230vAC | 3mm Norprene® | 5 |
| 101.015.115.030/2 | 100 series pump | 3 | 15rpm | 115vAC | 3mm Norprene® | 5 |
| 101.015.115.030/4 | 100 series pump | 2 | 15rpm | 115vAC | 3mm Norprene® | 5 |
| 101.015.230.030/2 | 100 series pump | 3 | 15rpm | 230vAC | 3mm Norprene® | 5 |
| 101.015.230.030/4 | 100 series pump | 2 | 15rpm | 230vAC | 3mm Norprene® | 5 |
| 101.030.115.030/2 | 100 series pump | 6 | 30rpm | 115vAC | 3mm Norprene® | 5 |
| 101.030.115.030/4 | 100 series pump | 5 | 30rpm | 115vAC | 3mm Norprene® | 5 |
| 101.030.230.030/2 | 100 series pump | 6 | 30rpm | 230vAC | 3mm Norprene® | 5 |
| 101.030.230.030/4 | 100 series pump | 5 | 30rpm | 230vAC | 3mm Norprene® | 5 |

Please Note: the number of rollers is indicated by the last figure of the "Model No", i.e. 102.030.230.008/2 has 2 rollers

The flow rates shown on this website were calculated either by measuring the flow rate on the stated voltage with a one metre suction lift and zero discharge head pumping ordinary tap water with an ambient temperature of 20C or extrapolated from those figures by factoring for different gearshift rotation speed. The flow rates given should only be used as a guide and customers should run their own tests on their own application. We reserve the right to make changes to the pump which may result in variations to these figures and reserve the right to do this without notice. Customers should also check regularly to see if the published figures have changed in case it affects their system. The Williamson Manufacturing Company Ltd provides no warranty on usage of pumps. We recommend that life tests be carried out prior to use. This information is given in good faith and believed to be correct and current at time of publishing. The Williamson Manufacturing Company Ltd cannot accept responsibility for its inaccuracy or any errors or omissions contained herein. Copyright The Williamson Manufacturing Company Ltd 2011.

100 series with AC powered motors (cont)

Specification Sheet 3 (last updated May 2011)



The 100 series, micro range of peristaltic pumps offer OEM's a low cost, compact and reliable means of dosing a wide range of liquids. They are available in various configurations of tubing type/ID bore as detailed below. The easiest way to place an order or check prices is via our online shop at <http://www.williamson-shop.co.uk> but please contact us for any requirements not listed or to place an order over the phone. **Important: These pumps are not suitable for use in wet areas/high humidity and should be fitted by a suitably qualified person.**

| Model No | Series | ml/min | RPM | Voltage | Tube id/material | | Watts |
|-------------------|-----------------|--------|-------|---------|------------------|--------|-------|
| 102.003.115.008/2 | 100 series pump | <1 | 3rpm | 115vAC | 0.8mm | Viton® | 5 |
| 102.003.115.008/4 | 100 series pump | <1 | 3rpm | 115vAC | 0.8mm | Viton® | 5 |
| 102.003.230.008/2 | 100 series pump | <1 | 3rpm | 230vAC | 0.8mm | Viton® | 5 |
| 102.003.230.008/4 | 100 series pump | <1 | 3rpm | 230vAC | 0.8mm | Viton® | 5 |
| 102.015.115.008/2 | 100 series pump | <1 | 15rpm | 115vAC | 0.8mm | Viton® | 5 |
| 102.015.115.008/4 | 100 series pump | <1 | 15rpm | 115vAC | 0.8mm | Viton® | 5 |
| 102.015.230.008/2 | 100 series pump | <1 | 15rpm | 230vAC | 0.8mm | Viton® | 5 |
| 102.015.230.008/4 | 100 series pump | <1 | 15rpm | 230vAC | 0.8mm | Viton® | 5 |
| 102.030.115.008/2 | 100 series pump | 1 | 30rpm | 115vAC | 0.8mm | Viton® | 5 |
| 102.030.115.008/4 | 100 series pump | <1 | 30rpm | 115vAC | 0.8mm | Viton® | 5 |
| 102.030.230.008/2 | 100 series pump | 1 | 30rpm | 230vAC | 0.8mm | Viton® | 5 |
| 102.030.230.008/4 | 100 series pump | <1 | 30rpm | 230vAC | 0.8mm | Viton® | 5 |
| 102.003.115.016/2 | 100 series pump | <1 | 3rpm | 115vAC | 1.6mm | Viton® | 5 |
| 102.003.115.016/4 | 100 series pump | <1 | 3rpm | 115vAC | 1.6mm | Viton® | 5 |
| 102.003.230.016/2 | 100 series pump | <1 | 3rpm | 230vAC | 1.6mm | Viton® | 5 |
| 102.003.230.016/4 | 100 series pump | <1 | 3rpm | 230vAC | 1.6mm | Viton® | 5 |
| 102.015.115.016/2 | 100 series pump | 1 | 15rpm | 115vAC | 1.6mm | Viton® | 5 |
| 102.015.115.016/4 | 100 series pump | 1 | 15rpm | 115vAC | 1.6mm | Viton® | 5 |
| 102.015.230.016/2 | 100 series pump | 1 | 15rpm | 230vAC | 1.6mm | Viton® | 5 |
| 102.015.230.016/4 | 100 series pump | 1 | 15rpm | 230vAC | 1.6mm | Viton® | 5 |
| 102.030.115.016/2 | 100 series pump | 2 | 30rpm | 115vAC | 1.6mm | Viton® | 5 |
| 102.030.115.016/4 | 100 series pump | 2 | 30rpm | 115vAC | 1.6mm | Viton® | 5 |
| 102.030.230.016/2 | 100 series pump | 2 | 30rpm | 230vAC | 1.6mm | Viton® | 5 |
| 102.030.230.016/4 | 100 series pump | 2 | 30rpm | 230vAC | 1.6mm | Viton® | 5 |
| 102.003.115.016/2 | 100 series pump | <1 | 3rpm | 115vAC | 1.6mm | Viton® | 5 |
| 102.003.115.030/2 | 100 series pump | <1 | 3rpm | 115vAC | 3mm | Viton® | 5 |
| 102.003.115.030/4 | 100 series pump | <1 | 3rpm | 115vAC | 3mm | Viton® | 5 |
| 102.003.230.030/2 | 100 series pump | <1 | 3rpm | 230vAC | 3mm | Viton® | 5 |
| 102.003.230.030/4 | 100 series pump | <1 | 3rpm | 230vAC | 3mm | Viton® | 5 |
| 102.015.115.030/2 | 100 series pump | 1 | 15rpm | 115vAC | 3mm | Viton® | 5 |
| 102.015.115.030/4 | 100 series pump | 1 | 15rpm | 115vAC | 3mm | Viton® | 5 |
| 102.015.230.030/2 | 100 series pump | 1 | 15rpm | 230vAC | 3mm | Viton® | 5 |
| 102.015.230.030/4 | 100 series pump | 1 | 15rpm | 230vAC | 3mm | Viton® | 5 |
| 102.030.115.030/2 | 100 series pump | 2 | 30rpm | 115vAC | 3mm | Viton® | 5 |
| 102.030.115.030/4 | 100 series pump | 2 | 30rpm | 115vAC | 3mm | Viton® | 5 |
| 102.030.230.030/2 | 100 series pump | 2 | 30rpm | 230vAC | 3mm | Viton® | 5 |
| 102.030.230.030/4 | 100 series pump | 2 | 30rpm | 230vAC | 3mm | Viton® | 5 |

Please Note: the number of rollers is indicated by the last figure of the "Model No", i.e. 102.030.230.008/2 has 2 rollers

The flow rates shown on this website were calculated either by measuring the flow rate on the stated voltage with a one metre suction lift and zero discharge head pumping ordinary tap water with an ambient temperature of 20C or extrapolated from those figures by factoring for different gearshift rotation speed. The flow rates given should only be used as a guide and customers should run their own tests on their own application. We reserve the right to make changes to the pump which may result in variations to these figures and reserve the right to do this without notice. Customers should also check regularly to see if the published figures have changed in case it affects their system. The Williamson Manufacturing Company Ltd provides no warranty on usage of pumps. We recommend that life tests be carried out prior to use. This information is given in good faith and believed to be correct and current at time of publishing. The Williamson Manufacturing Company Ltd cannot accept responsibility for its inaccuracy or any errors or omissions contained herein. Copyright The Williamson Manufacturing Company Ltd 2011.