

### 200 series with DC powered motor

Specification Sheet 1 (last updated May 2016)



The 200 series, mini 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: The standard version of this pump is supplied sealed so the tube cannot be changed. The pump has been designed so that when the pump head has worn out it is changed as a whole. We are able to supply pumpheads unsealed for customers that wish to change the tubing periodically. Please contact our office for details.**

#### Silicone

Model No	Series	ml/min	Rollers	RPM	Voltage	Tube id/material	mA
200.035.006.008	200 series pump	2.3	3	35rpm	6vDC	0.8mm silicone.	300
200.035.006.016	200 series pump	7	3	35rpm	6vDC	1.6mm silicone.	300
200.035.006.030	200 series pump	20	3	35rpm	6vDC	3mm silicone.	300
200.035.006.050	200 series pump	40	3	35rpm	6vDC	5mm silicone.	300
200.070.006.008	200 series pump	4.6	3	70rpm	6vDC	0.8mm silicone.	300
200.070.006.016	200 series pump	14	3	70rpm	6vDC	1.6mm silicone.	300
200.070.006.030	200 series pump	40	3	70rpm	6vDC	3mm silicone.	300
200.070.006.050	200 series pump	80	3	70rpm	6vDC	5mm silicone.	300
200.005.012.008	200 series pump	0.3	3	5rpm	12vDC	0.8mm silicone.	60
200.005.012.016	200 series pump	1	3	5rpm	12vDC	1.6mm silicone.	60
200.005.012.030	200 series pump	3	3	5rpm	12vDC	3mm silicone.	60
200.005.012.050	200 series pump	6	3	5rpm	12vDC	5mm silicone.	60
200.035.012.008	200 series pump	2.3	3	35rpm	12vDC	0.8mm silicone.	140
200.035.012.016	200 series pump	7	3	35rpm	12vDC	1.6mm silicone.	140
200.035.012.030	200 series pump	20	3	35rpm	12vDC	3mm silicone.	140
200.035.012.050	200 series pump	40	3	35rpm	12vDC	5mm silicone.	140
200.070.012.008	200 series pump	4.6	3	70rpm	12vDC	0.8mm silicone.	170
200.070.012.016	200 series pump	14	3	70rpm	12vDC	1.6mm silicone.	170
200.070.012.030	200 series pump	40	3	70rpm	12vDC	3mm silicone.	170
200.070.012.050	200 series pump	80	3	70rpm	12vDC	5mm silicone.	170
200.150.012.008	200 series pump	10	3	150rpm	12vDC	0.8mm silicone.	400
200.150.012.016	200 series pump	30	3	150rpm	12vDC	1.6mm silicone.	400
200.150.012.030	200 series pump	90	3	150rpm	12vDC	3mm silicone.	400
200.150.012.050	200 series pump	180	3	150rpm	12vDC	5mm silicone.	400
200.330.012.008	200 series pump	22	3	330rpm	12vDC	0.8mm silicone.	400
200.330.012.016	200 series pump	66	3	330rpm	12vDC	1.6mm silicone.	400
200.330.012.030	200 series pump	198	3	330rpm	12vDC	3mm silicone.	400
200.330.012.050	200 series pump	396	3	330rpm	12vDC	5mm silicone.	400
200.035.018.008	200 series pump	2.3	3	35rpm	18vDC	0.8mm silicone.	100
200.035.018.016	200 series pump	7	3	35rpm	18vDC	1.6mm silicone.	100
200.035.018.030	200 series pump	20	3	35rpm	18vDC	3mm silicone.	100
200.035.018.050	200 series pump	40	3	35rpm	18vDC	5mm silicone.	100

## Williamson Manufacturing Company Ltd

The Street, Poynings, West Sussex, BN45 7AQ, United Kingdom.

Tel +44(0)1273 857752 Fax +44(0)1273 857511 Web [www.wmcpumps.com](http://www.wmcpumps.com)

Model No	Series	ml/min	Rollers	RPM	Voltage	Tube id/material	mA
200.070.018.008	200 series pump	4.6	3	70rpm	18vDC	0.8mm silicone.	115
200.070.018.016	200 series pump	14	3	70rpm	18vDC	1.6mm silicone.	115
200.070.018.030	200 series pump	40	3	70rpm	18vDC	3mm silicone.	115
200.070.018.050	200 series pump	80	3	70rpm	18vDC	5mm silicone.	115
200.035.024.008	200 series pump	2.3	3	35rpm	24vDC	0.8mm silicone.	80
200.035.024.016	200 series pump	7	3	35rpm	24vDC	1.6mm silicone.	80
200.035.024.030	200 series pump	20	3	35rpm	24vDC	3mm silicone.	80
200.035.024.050	200 series pump	40	3	35rpm	24vDC	5mm silicone.	80
200.070.024.008	200 series pump	4.6	3	70rpm	24vDC	0.8mm silicone.	90
200.070.024.016	200 series pump	14	3	70rpm	24vDC	1.6mm silicone.	90
200.070.024.030	200 series pump	40	3	70rpm	24vDC	3mm silicone.	90
200.070.024.050	200 series pump	80	3	70rpm	24vDC	5mm silicone.	90
200-220-024-008	200 series pump	14	3	220rpm	24vDC	0.8mm silicone.	200
200-220-024-016	200 series pump	44	3	220rpm	24vDC	1.6mm silicone.	200
200-220-024-030	200 series pump	132	3	220rpm	24vDC	3.0mm silicone.	200
200-220-024-050	200 series pump	264	3	220rpm	24vDC	5.0mm silicone.	300
<b>Santoprene</b>							
201.035.006.008	200 series pump	2.3	3	35rpm	6vDC	0.8mm Norprene®	300
201.035.006.016	200 series pump	7	3	35rpm	6vDC	1.6mm Norprene®	300
201.035.006.030	200 series pump	19	3	35rpm	6vDC	3mm Norprene®	300
201.035.006.050	200 series pump	38	3	35rpm	6vDC	5mm Norprene®	300
201F.035.006.050	200 series pump	38	3	35rpm	6vDC	5mm Food sant	300
201.070.006.008	200 series pump	4.6	3	70rpm	6vDC	0.8mm Norprene®	300
201.070.006.016	200 series pump	14	3	70rpm	6vDC	1.6mm Norprene®	300
201.070.006.030	200 series pump	38	3	70rpm	6vDC	3mm Norprene®	300
201.070.006.050	200 series pump	76	3	70rpm	6vDC	5mm Norprene®	300
201F.070.006.050	200 series pump	76	3	70rpm	6vDC	5mm Food sant	300
201.005.012.008	200 series pump	0.3	3	5rpm	12vDC	0.8mm Norprene®	60
201.005.012.016	200 series pump	1	3	5rpm	12vDC	1.6mm Norprene®	60
201.005.012.030	200 series pump	2.7	3	5rpm	12vDC	3mm Norprene®	60
201.005.012.050	200 series pump	5.4	3	5rpm	12vDC	5mm Norprene®	60
201F.005.012.050	200 series pump	5.4	3	5rpm	12vDC	5mm Food sant	60
201.035.012.008	200 series pump	2.3	3	35rpm	12vDC	0.8mm Norprene®	140
201.035.012.016	200 series pump	7	3	35rpm	12vDC	1.6mm Norprene®	140
201.035.012.030	200 series pump	19	3	35rpm	12vDC	3mm Norprene®	140
201.035.012.050	200 series pump	38	3	35rpm	12vDC	5mm Norprene®	140
201F.035.012.050	200 series pump	38	3	35rpm	12vDC	5mm Food sant	140
201.070.012.008	200 series pump	4.6	3	70rpm	12vDC	0.8mm Norprene®	170
201.070.012.016	200 series pump	14	3	70rpm	12vDC	1.6mm Norprene®	170
201.070.012.030	200 series pump	38	3	70rpm	12vDC	3mm Norprene®	170
201.070.012.050	200 series pump	76	3	70rpm	12vDC	5mm Norprene®	170
201F.070.012.050	200 series pump	76	3	70rpm	12vDC	5mm Food sant	170
201.150.012.008	200 series pump	10	3	150rpm	12vDC	0.8mm Norprene®	400
201.150.012.016	200 series pump	30	3	150rpm	12vDC	1.6mm Norprene®	400
201.150.012.030	200 series pump	81	3	150rpm	12vDC	3mm Norprene®	400
201.150.012.050	200 series pump	162	3	150rpm	12vDC	5mm Norprene®	400

## Williamson Manufacturing Company Ltd

The Street, Poynings, West Sussex, BN45 7AQ, United Kingdom.

Tel +44(0)1273 857752 Fax +44(0)1273 857511 Web [www.wmcpumps.com](http://www.wmcpumps.com)

Model No	Series	ml/min	Rollers	RPM	Voltage	Tube id	Material	mA
201F.150.012.050	200 series pump	162	3	150rpm	12vDC	5mm	Food sant	400
201.330.012.008	200 series pump	22	3	330rpm	12vDC	0.8mm	Norprene®	400
201.330.012.016	200 series pump	66	3	330rpm	12vDC	1.6mm	Norprene®	400
201.330.012.030	200 series pump	178	3	330rpm	12vDC	3mm	Norprene®	400
201.330.012.050	200 series pump	356	3	330rpm	12vDC	5mm	Norprene®	400
201F.330.012.050	200 series pump	356	3	330rpm	12vDC	5mm	Food sant	400
201.035.018.008	200 series pump	2.3	3	35rpm	18vDC	0.8mm	Norprene®	100
201.035.018.016	200 series pump	7	3	35rpm	18vDC	1.6mm	Norprene®	100
201.035.018.030	200 series pump	19	3	35rpm	18vDC	3mm	Norprene®	100
201.035.018.050	200 series pump	38	3	35rpm	18vDC	5mm	Norprene®	100
201F.035.018.050	200 series pump	38	3	35rpm	18vDC	5mm	Food sant	100
201.070.018.008	200 series pump	4.6	3	70rpm	18vDC	0.8mm	Norprene®	115
201.070.018.016	200 series pump	14	3	70rpm	18vDC	1.6mm	Norprene®	115
201.070.018.030	200 series pump	38	3	70rpm	18vDC	3mm	Norprene®	115
201.070.018.050	200 series pump	76	3	70rpm	18vDC	5mm	Norprene®	115
201F.070.018.050	200 series pump	76	3	70rpm	18vDC	5mm	Food sant	115
201.035.024.008	200 series pump	2.3	3	35rpm	24vDC	0.8mm	Norprene®	80
201.035.024.016	200 series pump	7	3	35rpm	24vDC	1.6mm	Norprene®	80
201.035.024.030	200 series pump	19	3	35rpm	24vDC	3mm	Norprene®	80
201.035.024.050	200 series pump	38	3	35rpm	24vDC	5mm	Norprene®	80
201F.035.024.050	200 series pump	38	3	35rpm	24vDC	5mm	Food sant	80
201-220-024-008	200 series pump	14	3	220rpm	24vDC	0.8mm	Norprene®	400
201-220-024-016	200 series pump	44	3	220rpm	24vDC	1.6mm	Norprene®	400
201-220-024-030	200 series pump	119	3	220rpm	24vDC	3.0mm	Norprene®	400
201-220-024-050	200 series pump	238	3	220rpm	24vDC	5.0mm	Norprene®	400
201F-220-024-050	200 series pump	238	3	220rpm	24vDC	5.0mm	Norprene®	400

### Viton

202.035.006.008	200 series pump	1.8	3	35rpm	6vDC	0.8mm	Viton®	300
202.035.006.016	200 series pump	6	3	35rpm	6vDC	1.6mm	Viton®	300
202.035.006.030	200 series pump	16	3	35rpm	6vDC	3mm	Viton®	300
202.035.006.050	200 series pump	32	3	35rpm	6vDC	5mm	Viton®	300
202.070.006.008	200 series pump	3.6	3	70rpm	6vDC	0.8mm	Viton®	300
202.070.006.016	200 series pump	12	3	70rpm	6vDC	1.6mm	Viton®	300
202.070.006.030	200 series pump	32	3	70rpm	6vDC	3mm	Viton®	300
202.070.006.050	200 series pump	74	3	70rpm	6vDC	5mm	Viton®	300
202.005.012.008	200 series pump	0.3	3	5rpm	12vDC	0.8mm	Viton®	60
202.005.012.016	200 series pump	0.85	3	5rpm	12vDC	1.6mm	Viton®	60
202.005.012.030	200 series pump	2.3	3	5rpm	12vDC	3mm	Viton®	60
202.005.012.050	200 series pump	4.6	3	5rpm	12vDC	5mm	Viton®	60
202.035.012.008	200 series pump	1.8	3	35rpm	12vDC	0.8mm	Viton®	140
202.035.012.016	200 series pump	6	3	35rpm	12vDC	1.6mm	Viton®	140
202.035.012.030	200 series pump	16	3	35rpm	12vDC	3mm	Viton®	140
202.035.012.050	200 series pump	32	3	35rpm	12vDC	5mm	Viton®	140
202.070.012.008	200 series pump	3.6	3	70rpm	12vDC	0.8mm	Viton®	170
202.070.012.016	200 series pump	12	3	70rpm	12vDC	1.6mm	Viton®	170
202.070.012.030	200 series pump	32	3	70rpm	12vDC	3mm	Viton®	170
202.070.012.050	200 series pump	74	3	70rpm	12vDC	5mm	Viton®	170

## Williamson Manufacturing Company Ltd

The Street, Poynings, West Sussex, BN45 7AQ, United Kingdom.

Tel +44(0)1273 857752 Fax +44(0)1273 857511 Web [www.wmcpumps.com](http://www.wmcpumps.com)

Model No	Series	ml/min	Rollers	RPM	Voltage	Tube id	Material	mA
202.150.012.008	200 series pump	8.5	3	150rpm	12vDC	0.8mm	Viton®	400
202.150.012.016	200 series pump	26	3	150rpm	12vDC	1.6mm	Viton®	400
202.150.012.030	200 series pump	68	3	150rpm	12vDC	3mm	Viton®	400
202.150.012.050	200 series pump	135	3	150rpm	12vDC	5mm	Viton®	400
202.330.012.008	200 series pump	19	3	330rpm	12vDC	0.8mm	Viton®	400
202.330.012.016	200 series pump	56	3	330rpm	12vDC	1.6mm	Viton®	400
202.330.012.030	200 series pump	149	3	330rpm	12vDC	3mm	Viton®	400
202.330.012.050	200 series pump	297	3	330rpm	12vDC	5mm	Viton®	400
202.035.018.008	200 series pump	1.8	3	35rpm	18vDC	0.8mm	Viton®	100
202.035.018.016	200 series pump	6	3	35rpm	18vDC	1.6mm	Viton®	100
202.035.018.030	200 series pump	16	3	35rpm	18vDC	3mm	Viton®	100
202.035.018.050	200 series pump	32	3	35rpm	18vDC	5mm	Viton®	100
202.070.018.008	200 series pump	3.6	3	70rpm	18vDC	0.8mm	Viton®	115
202.070.018.016	200 series pump	12	3	70rpm	18vDC	1.6mm	Viton®	115
202.070.018.030	200 series pump	32	3	70rpm	18vDC	3mm	Viton®	115
202.035.024.008	200 series pump	1.8	3	35rpm	24vDC	0.8mm	Viton®	80
202.035.024.016	200 series pump	6	3	35rpm	24vDC	1.6mm	Viton®	80
202.035.024.030	200 series pump	16	3	35rpm	24vDC	3mm	Viton®	80
202.035.024.050	200 series pump	32	3	35rpm	24vDC	5mm	Viton®	80
202.220.024.008	200 series pump	13	3	220rpm	24vDC	0.8mm	Viton®	400
202.220.024.016	200 series pump	38	3	220rpm	24vDC	1.6mm	Viton®	400
202.220.024.030	200 series pump	99	3	220rpm	24vDC	3mm	Viton®	400
202.220.024.050	200 series pump	198	3	220rpm	24vDC	5mm	Viton®	400

Current draw figures are approximate to allow the user to select a power supply to run the pump. They will vary according to load which includes tube material, temperature, fluid sg, fluid viscosity, system pressure and atmospheric conditions. Flow figures quoted should only be used as a guide. Customers should run their own tests for exact figures.

Models in green can be fitted with cover (£0.88) and 230mm flying leads (£5.00) at extra cost

150RPM, 220RPM & 330RPM models can be fitted with 230mm flying leads (£5.00) at extra cost.

## Williamson Manufacturing Company Ltd

The Street, Poynings, West Sussex, BN45 7AQ, United Kingdom.

Tel +44(0)1273 857752 Fax +44(0)1273 857511 Web [www.wmcpumps.com](http://www.wmcpumps.com)