



## ARIES™ MWD

INTEGRAL DRIPPER

12200 - 12250 - 16200 - 16250 - 16007  
16008 - 22200 - 22250 - 25200

### TECHNICAL INFORMATION

- Maximum system pressure: according to dripperlines wall thickness.
- Recommended filtration: according to drippers flow rates.  
Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water.  
Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed before the main filter.  
When sand/silt/clay solids exceed 100 ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- TurbuNext™ labyrinth with superior clogging resistance..
- To be "welded" into medium-walled dripperlines (0.50, 0.63, 0.70, 0.80 mm).
- Injected dripper, very low CV.
- High UV resistance.
- Resistant to standard nutrients used in agricultural.
- Aries™ dripperlines meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII).

## DRIPPERS TECHNICAL DATA

12200, 16200, 22200, 25200, 12250, 16250, 22250 - 0.50 and 0.63 mm wall thickness dripperlines

| FLOW RATE*<br>(L/H) | MAXIMUM WORKING<br>PRESSURE<br>(BAR)** | WATER PASSAGES DIMENSIONS<br>WIDTH-DEPTH-LENGTH<br>(MM) |       |        | FILTRATION AREA<br>(MM <sup>2</sup> ) | CONSTANT<br>K | EXPONENT<br>X | RECOMMENDED<br>FILTRATION<br>(MICRON)/(MESH) |
|---------------------|--|---|-------|--------|---------------------------------------|---------------|---------------|--|
|                     |  | Width   | Depth | Length |                                       |               |               |  |
| 0.50                | 1.6 up to 3.5                          | 0.47  | 0.53  | 65     | 36                                    | 0.173         | 0.46          | 130/120                                      |
| 0.80                |  | 0.54  | 0.69  | 65     | 43                                    | 0.277         | 0.46          | 130/120                                      |
| 1.00                |  | 0.60  | 0.74  | 65     | 49                                    | 0.347         | 0.46          | 200/80                                       |
| 1.40                |  | 0.71  | 0.85  | 65     | 53                                    | 0.485         | 0.46          | 200/80                                       |
| 1.90                |  | 0.76  | 1.03  | 65     | 54                                    | 0.659         | 0.46          | 200/80                                       |
| 2.85                |  | 0.90  | 1.20  | 65     | 54                                    | 0.988         | 0.46          | 200/80                                       |
| 3.80                |  | 0.94  | 1.28  | 33     | 54                                    | 1.316         | 0.46          | 200/80                                       |
| 8.00                |  | 1.52  | 1.28  | 28     | 50                                    | 2.773         | 0.46          | 200/80                                       |

\*Flow rate at 1.0 bar pressure \*\*According to dripperlines diameter and wall thicknesses

## FLOW RATE (L/H) VS. PRESSURE (BAR)

12200, 16200, 22200, 25200, 12250, 16250, 22250 - 0.50 and 0.63 mm wall thickness dripperlines

| FLOW RATE* | PRESSURE (BAR) |      |      |      |      |      |       |       |       |
|------------|----------------|------|------|------|------|------|-------|-------|-------|
|            | 0.2            | 0.4  | 0.6  | 0.8  | 1.0  | 1.5  | 2.0   | 2.5   | 3.0   |
| 0.50       | 0.24           | 0.33 | 0.39 | 0.45 | 0.50 | 0.60 | 0.69  | 0.76  | 0.83  |
| 0.80       | 0.38           | 0.52 | 0.63 | 0.72 | 0.80 | 0.96 | 1.10  | 1.22  | 1.32  |
| 1.00       | 0.48           | 0.66 | 0.79 | 0.90 | 1.00 | 1.21 | 1.38  | 1.53  | 1.66  |
| 1.40       | 0.67           | 0.92 | 1.11 | 1.26 | 1.40 | 1.69 | 1.92  | 2.13  | 2.32  |
| 1.90       | 0.91           | 1.25 | 1.50 | 1.72 | 1.90 | 2.29 | 2.61  | 2.90  | 3.15  |
| 2.85       | 1.36           | 1.87 | 2.25 | 2.57 | 2.85 | 3.43 | 3.92  | 4.34  | 4.72  |
| 3.80       | 1.81           | 2.49 | 3.00 | 3.43 | 3.80 | 4.57 | 5.22  | 5.79  | 6.29  |
| 8.00       | 3.81           | 5.25 | 6.32 | 7.22 | 8.00 | 9.64 | 11.00 | 12.19 | 13.26 |

\*Nominal flow rate at 1.0 bar pressure

## DRIPPERS TECHNICAL DATA

16007 - 0.70 mm wall thickness dripperlines

| FLOW RATE*<br>(L/H) | MAXIMUM WORKING<br>PRESSURE<br>(BAR)** | WATER PASSAGES DIMENSIONS<br>WIDTH-DEPTH-LENGTH<br>(MM) |       |        | FILTRATION AREA<br>(MM <sup>2</sup> ) | CONSTANT<br>K | EXPONENT<br>X | RECOMMENDED<br>FILTRATION<br>(MICRON)/(MESH) |
|---------------------|--|---|-------|--------|---------------------------------------|---------------|---------------|--|
|                     |  | Width   | Depth | Length |                                       |               |               |  |
| 0.55                | 2.9                                    | 0.47  | 0.53  | 65     | 36                                    | 0.191         | 0.46          | 130/120                                      |
| 0.80                |  | 0.54  | 0.69  | 65     | 43                                    | 0.277         | 0.46          | 130/120                                      |
| 1.00                |  | 0.60  | 0.74  | 65     | 49                                    | 0.347         | 0.46          | 200/80                                       |
| 1.40                |  | 0.71  | 0.85  | 65     | 53                                    | 0.485         | 0.46          | 200/80                                       |
| 1.90                |  | 0.76  | 1.03  | 65     | 54                                    | 0.659         | 0.46          | 200/80                                       |
| 2.85                |  | 0.90  | 1.20  | 65     | 54                                    | 0.988         | 0.46          | 200/80                                       |
| 3.80                |  | 0.94  | 1.28  | 33     | 54                                    | 1.316         | 0.46          | 200/80                                       |
| 8.00                |  | 1.52  | 1.28  | 28     | 50                                    | 2.773         | 0.46          | 200/80                                       |

\*Flow rate at 1.0 bar pressure

## FLOW RATE (L/H) VS. PRESSURE (BAR)

16007 - 0.70 mm wall thickness dripperlines

| FLOW RATE* | PRESSURE (BAR) |      |      |      |      |      |       |       |       |
|------------|----------------|------|------|------|------|------|-------|-------|-------|
|            | 0.2            | 0.4  | 0.6  | 0.8  | 1.0  | 1.5  | 2.0   | 2.5   | 3.0   |
| 0.55       | 0.26           | 0.36 | 0.44 | 0.50 | 0.55 | 0.66 | 0.76  | 0.84  | 0.91  |
| 0.80       | 0.38           | 0.52 | 0.63 | 0.72 | 0.80 | 0.96 | 1.10  | 1.22  | 1.32  |
| 1.00       | 0.48           | 0.66 | 0.79 | 0.90 | 1.00 | 1.21 | 1.38  | 1.53  | 1.66  |
| 1.40       | 0.67           | 0.92 | 1.11 | 1.26 | 1.40 | 1.69 | 1.92  | 2.13  | 2.32  |
| 1.90       | 0.91           | 1.25 | 1.50 | 1.72 | 1.90 | 2.29 | 2.61  | 2.90  | 3.15  |
| 2.85       | 1.36           | 1.87 | 2.25 | 2.57 | 2.85 | 3.43 | 3.92  | 4.34  | 4.72  |
| 3.80       | 1.81           | 2.49 | 3.00 | 3.43 | 3.80 | 4.57 | 5.22  | 5.79  | 6.29  |
| 8.00       | 3.81           | 5.25 | 6.32 | 7.22 | 8.00 | 9.64 | 11.00 | 12.19 | 13.26 |

\*Nominal flow rate at 1.0 bar pressure

## DRIPPERS TECHNICAL DATA

### 16008 - 0.8 mm wall thickness dripperlines

| FLOW RATE*<br>(L/H) | MAXIMUM WORKING<br>PRESSURE<br>(BAR)** | WATER PASSAGES DIMENSIONS<br>WIDTH-DEPTH-LENGTH<br>(MM) |      |    | FILTRATION AREA<br>(MM <sup>2</sup> ) | CONSTANT<br>K | EXPONENT<br>X | RECOMMENDED<br>FILTRATION<br>(MICRON)/(MESH) |
|---------------------|--|---|------|----|---------------------------------------|---------------|---------------|--|
| 0.55                | 3.0                                    | 0.47  | 0.53 | 65 | 36                                    | 0.191         | 0.46          | 130/120                                      |
| 0.80                |  | 0.54  | 0.69 | 65 | 43                                    | 0.277         | 0.46          | 130/120                                      |
| 1.00                |  | 0.60  | 0.74 | 65 | 49                                    | 0.347         | 0.46          | 200/80                                       |
| 1.50                |  | 0.71  | 0.85 | 65 | 53                                    | 0.520         | 0.46          | 200/80                                       |
| 2.00                |  | 0.76  | 1.03 | 65 | 54                                    | 0.693         | 0.46          | 200/80                                       |
| 3.00                |  | 0.90  | 1.20 | 65 | 54                                    | 1.040         | 0.46          | 200/80                                       |
| 4.00                |  | 0.94  | 1.28 | 33 | 54                                    | 1.387         | 0.46          | 200/80                                       |
| 8.00                |  | 1.52  | 1.28 | 28 | 50                                    | 2.773         | 0.46          | 200/80                                       |

\*Flow rate at 1.0 bar pressure

## FLOW RATE (L/H) VS. PRESSURE (BAR)

### 16008 - 0.8 mm wall thickness dripperlines

| FLOW RATE* | PRESSURE (BAR) |      |      |      |      |      |       |       |       |
|------------|----------------|------|------|------|------|------|-------|-------|-------|
|            | 0.2            | 0.4  | 0.6  | 0.8  | 1.0  | 1.5  | 2.0   | 2.5   | 3.0   |
| 0.55       | 0.26           | 0.36 | 0.44 | 0.50 | 0.55 | 0.66 | 0.76  | 0.84  | 0.91  |
| 0.80       | 0.38           | 0.52 | 0.63 | 0.72 | 0.80 | 0.96 | 1.10  | 1.22  | 1.32  |
| 1.00       | 0.48           | 0.66 | 0.79 | 0.90 | 1.00 | 1.21 | 1.38  | 1.53  | 1.66  |
| 1.50       | 0.72           | 0.98 | 1.19 | 1.35 | 1.50 | 1.81 | 2.06  | 2.29  | 2.49  |
| 2.00       | 0.95           | 1.31 | 1.58 | 1.80 | 2.00 | 2.41 | 2.75  | 3.05  | 3.31  |
| 3.00       | 1.43           | 1.97 | 2.37 | 2.71 | 3.00 | 3.61 | 4.13  | 4.57  | 4.97  |
| 4.00       | 1.91           | 2.62 | 3.16 | 3.61 | 4.00 | 4.82 | 5.50  | 6.10  | 6.63  |
| 8.00       | 3.81           | 5.25 | 6.32 | 7.22 | 8.00 | 9.64 | 11.00 | 12.19 | 13.26 |

\*Nominal flow rate at 1.0 bar pressure

## DRIPPERLINES TECHNICAL DATA

| MODEL | INSIDE DIAMETER (MM) | WALL THICKNESS (MM) | OUTSIDE DIAMETER (MM) | MAX. WORKING PRESSURE (BAR) | MAXIMUM FLUSHING PRESSURE (BAR) | KD   |
|-------|----------------------|---------------------|-----------------------|-----------------------------|---------------------------------|------|
| 12200 | 11.80                | 0.50                | 12.80                 | 3.0                         | 3.9                             | 0.40 |
| 12250 | 11.80                | 0.63                | 13.06                 | 3.5                         | 4.6                             | 0.40 |
| 16200 | 15.50                | 0.50                | 16.50                 | 2.5                         | 3.3                             | 0.35 |
| 16250 | 15.50                | 0.63                | 16.76                 | 2.8                         | 3.6                             | 0.35 |
| 16007 | 15.50                | 0.70                | 16.90                 | 2.9                         | 3.8                             | 0.35 |
| 16008 | 15.50                | 0.80                | 17.10                 | 3.0                         | 3.9                             | 0.35 |
| 22200 | 22.20                | 0.50                | 23.20                 | 2.0                         | 2.6                             | 0.06 |
| 22250 | 22.20                | 0.63                | 23.56                 | 2.5                         | 3.3                             | 0.06 |
| 25200 | 25.00                | 0.50                | 26.00                 | 1.6                         | 2.1                             | 0.05 |

## DRIPPERLINES PACKAGE DATA (ON CARTON COILS)

| MODEL | WALL THICKNESS (MM) | DISTANCE BETWEEN DRIPPERS (M) | COIL LENGTH (M) | AVERAGE* COIL WEIGHT (KG) | COILS PER PALLET (UNITS) | COILS IN A 40 FEET CONTAINER (UNITS) | TOTAL IN A 40 FEET CONTAINER (M) |
|-------|---------------------|-------------------------------|-----------------|---------------------------|--------------------------|--------------------------------------|----------------------------------|
| 12200 | 0.50                | 0.15 to 0.25                  | 800             | 17.6                      | 12                       | 480                                  | 384000                           |
|       |                     | 0.30 to 1.00                  | 900             | 18.8                      |                          |                                      | 432000                           |
| 12250 | 0.63                | 0.15 to 0.25                  | 700             | 19.0                      | 12                       | 480                                  | 336000                           |
|       |                     | 0.30 to 1.00                  | 750             | 19.6                      |                          |                                      | 360000                           |
| 16200 | 0.50                | 0.15 to 0.25                  | 850             | 23.1                      | 12                       | 480                                  | 408000                           |
|       |                     | 0.30 to 1.00                  | 900             | 23.7                      |                          |                                      | 432000                           |
| 16250 | 0.63                | 0.15 to 0.25                  | 750             | 25.4                      | 12                       | 480                                  | 360000                           |
|       |                     | 0.30 to 1.00                  | 800             | 26.3                      |                          |                                      | 384000                           |
| 16007 | 0.70                | 0.15 to 0.25                  | 550             | 20.8                      | 12                       | 480                                  | 264000                           |
|       |                     | 0.30 to 1.00                  | 600             | 22.0                      |                          |                                      | 288000                           |
| 16008 | 0.80                | 0.15                          | 450             | 19.4                      | 12                       | 480                                  | 216000                           |
|       |                     | 0.20 to 1.00                  | 500             | 21.0                      |                          |                                      | 240000                           |
| 22200 | 0.50                | 0.15 to 0.25                  | 750             | 28.0                      | 12                       | 480                                  | 360000                           |
|       |                     | 0.30 to 1.00                  | 800             | 29.1                      |                          |                                      | 384000                           |
| 22250 | 0.63                | 0.15 to 0.25                  | 550             | 25.7                      | 12                       | 480                                  | 264000                           |
|       |                     | 0.30 to 1.00                  | 600             | 27.4                      |                          |                                      | 288000                           |
| 25200 | 0.50                | 0.15 to 0.25                  | 650             | 27.1                      | 12                       | 480                                  | 312000                           |
|       |                     | 0.30 to 1.00                  | 700             | 28.5                      |                          |                                      | 336000                           |

\*According to drippers spacing

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 12200-12250 • ID 11.8 MM • KD 0.40 • FLOW RATE 0.50 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 72                                | 90   | 103  | 113  | 119  | 125  | 130  | 133  | 136  |
|              | 1%    | 81                                | 106  | 126  | 143  | 158  | 170  | 181  | 191  | 199  |
| FLAT TERRAIN | 0     | 91                                | 124  | 153  | 180  | 205  | 228  | 250  | 272  | 292  |
|              | -1%   | 98                                | 138  | 175  | 210  | 242  | 274  | 305  | 335  | 364  |
| DOWNHILL     | -2%   | 105                               | 150  | 192  | 232  | 271  | 308  | 344  | 379  | 413  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 12200-12250 • ID 11.8 MM • KD 0.40 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 69                                | 86   | 99   | 109  | 116  | 122  | 126  | 131  | 134  |
|              | 1%    | 77                                | 101  | 120  | 137  | 151  | 162  | 174  | 184  | 192  |
| FLAT TERRAIN | 0     | 85                                | 116  | 144  | 169  | 193  | 214  | 235  | 255  | 274  |
|              | -1%   | 92                                | 129  | 163  | 195  | 226  | 255  | 283  | 311  | 338  |
| DOWNHILL     | -2%   | 98                                | 139  | 178  | 216  | 251  | 286  | 319  | 352  | 383  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 12200-12250 • ID 11.8 MM • KD 0.40 • FLOW RATE 1.00 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 51                                | 66   | 78   | 89   | 96   | 103  | 109  | 114  | 119  |
|              | 1%    | 55                                | 73   | 89   | 103  | 114  | 125  | 134  | 143  | 151  |
| FLAT TERRAIN | 0     | 59                                | 80   | 100  | 118  | 134  | 149  | 164  | 178  | 191  |
|              | -1%   | 62                                | 86   | 109  | 130  | 151  | 170  | 190  | 208  | 226  |
| DOWNHILL     | -2%   | 65                                | 93   | 119  | 144  | 169  | 193  | 218  | 241  | 265  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 12200-12250 • ID 11.8 MM • KD 0.40 • FLOW RATE 1.40 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 42                                | 56   | 66   | 76   | 83   | 90   | 95   | 101  | 105  |
|              | 1%    | 45                                | 60   | 73   | 85   | 95   | 105  | 113  | 121  | 128  |
| FLAT TERRAIN | 0     | 47                                | 65   | 81   | 95   | 109  | 120  | 132  | 143  | 154  |
|              | -1%   | 49                                | 68   | 86   | 103  | 119  | 134  | 149  | 163  | 177  |
| DOWNHILL     | -2%   | 51                                | 73   | 93   | 112  | 131  | 148  | 166  | 185  | 202  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 12200-12250 • ID 11.8 MM • KD 0.40 • FLOW RATE 1.90 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 36                                | 47   | 56   | 65   | 72   | 78   | 84   | 89   | 93   |
|              | 1%    | 37                                | 50   | 61   | 71   | 80   | 88   | 96   | 103  | 110  |
| FLAT TERRAIN | 0     | 39                                | 53   | 66   | 78   | 89   | 99   | 109  | 119  | 127  |
|              | -1%   | 40                                | 56   | 70   | 84   | 96   | 108  | 120  | 131  | 142  |
| DOWNHILL     | -2%   | 41                                | 58   | 74   | 89   | 104  | 118  | 131  | 145  | 158  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 12200-12250 • ID 11.8 MM • KD 0.40 • FLOW RATE 2.85 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 28                                | 38   | 46   | 53   | 58   | 64   | 69   | 73   | 77   |
|              | 1%  | 29                                | 39   | 48   | 57   | 64   | 70   | 76   | 82   | 87   |
| FLAT TERRAIN | 0   | 30                                | 41   | 51   | 61   | 68   | 76   | 84   | 91   | 98   |
|              | -1% | 30                                | 42   | 53   | 63   | 73   | 82   | 90   | 99   | 107  |
| DOWNHILL     | -2% | 31                                | 44   | 56   | 67   | 77   | 88   | 98   | 107  | 117  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 12200-12250 • ID 11.8 MM • KD 0.40 • FLOW RATE 3.80 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 24                                | 32   | 38   | 45   | 50   | 55   | 59   | 64   | 68   |
|              | 1%  | 24                                | 33   | 40   | 48   | 53   | 60   | 65   | 70   | 75   |
| FLAT TERRAIN | 0   | 25                                | 34   | 42   | 50   | 57   | 64   | 70   | 77   | 82   |
|              | -1% | 25                                | 35   | 44   | 52   | 60   | 67   | 74   | 81   | 88   |
| DOWNHILL     | -2% | 26                                | 36   | 46   | 55   | 63   | 71   | 79   | 87   | 94   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 12200-12250 • ID 11.8 MM • KD 0.40 • FLOW RATE 8.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 15                                | 20   | 24   | 29   | 32   | 36   | 38   | 41   | 44   |
|              | 1%  | 15                                | 20   | 25   | 30   | 34   | 37   | 41   | 44   | 47   |
| FLAT TERRAIN | 0   | 15                                | 21   | 26   | 31   | 35   | 39   | 42   | 47   | 50   |
|              | -1% | 15                                | 21   | 26   | 32   | 36   | 41   | 45   | 49   | 53   |
| DOWNHILL     | -2% | 16                                | 22   | 27   | 33   | 37   | 42   | 46   | 50   | 55   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16200-16250 • ID 15.5 MM • KD 0.35 • FLOW RATE 0.50 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 98                                | 116  | 128  | 135  | 139  | 143  | 145  | 147  | 148  |
|              | 1%  | 118                               | 152  | 176  | 196  | 212  | 225  | 235  | 244  | 251  |
| FLAT TERRAIN | 0   | 141                               | 194  | 241  | 284  | 324  | 361  | 397  | 430  | 463  |
|              | -1% | 159                               | 227  | 291  | 352  | 410  | 466  | 521  | 574  | 627  |
| DOWNHILL     | -2% | 173                               | 252  | 326  | 398  | 456  | 516  | 574  | 633  | 688  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16200-16250 • ID 15.5 MM • KD 0.35 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 80                                | 99   | 112  | 121  | 127  | 132  | 136  | 140  | 142  |
|              | 1%  | 91                                | 119  | 142  | 161  | 176  | 189  | 200  | 210  | 218  |
| FLAT TERRAIN | 0   | 104                               | 143  | 178  | 210  | 239  | 267  | 294  | 319  | 343  |
|              | -1% | 114                               | 162  | 206  | 249  | 291  | 328  | 366  | 402  | 438  |
| DOWNHILL     | -2% | 122                               | 176  | 228  | 277  | 325  | 371  | 416  | 452  | 483  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16200-16250 • ID 15.5 MM • KD 0.35 • FLOW RATE 1.00 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 72                                | 90   | 103  | 113  | 120  | 126  | 130  | 134  | 137  |
|              | 1%    | 80                                | 106  | 127  | 144  | 159  | 172  | 182  | 193  | 201  |
| FLAT TERRAIN | 0     | 90                                | 124  | 154  | 182  | 207  | 231  | 254  | 275  | 297  |
|              | -1%   | 97                                | 138  | 176  | 211  | 245  | 278  | 310  | 340  | 370  |
| DOWNHILL     | -2%   | 104                               | 149  | 192  | 234  | 274  | 312  | 350  | 385  | 233  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16200-16250 • ID 15.5 MM • KD 0.35 • FLOW RATE 1.40 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 60                                | 77   | 90   | 100  | 108  | 114  | 120  | 124  | 128  |
|              | 1%    | 66                                | 88   | 106  | 122  | 135  | 147  | 158  | 167  | 176  |
| FLAT TERRAIN | 0     | 72                                | 100  | 124  | 147  | 167  | 186  | 205  | 222  | 239  |
|              | -1%   | 77                                | 109  | 138  | 166  | 193  | 218  | 242  | 266  | 289  |
| DOWNHILL     | -2%   | 82                                | 117  | 150  | 182  | 212  | 242  | 270  | 299  | 326  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16200-16250 • ID 15.5 MM • KD 0.35 • FLOW RATE 1.90 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 51                                | 67   | 78   | 89   | 96   | 103  | 109  | 113  | 118  |
|              | 1%    | 55                                | 74   | 90   | 104  | 116  | 126  | 136  | 145  | 153  |
| FLAT TERRAIN | 0     | 59                                | 82   | 102  | 120  | 137  | 153  | 169  | 183  | 197  |
|              | -1%   | 63                                | 88   | 112  | 134  | 155  | 175  | 194  | 213  | 232  |
| DOWNHILL     | -2%   | 66                                | 94   | 120  | 145  | 169  | 192  | 214  | 237  | 258  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16200-16250 • ID 15.5 MM • KD 0.35 • FLOW RATE 2.85 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 41                                | 54   | 64   | 74   | 81   | 88   | 93   | 98   | 103  |
|              | 1%    | 43                                | 58   | 71   | 83   | 93   | 102  | 110  | 118  | 126  |
| FLAT TERRAIN | 0     | 45                                | 63   | 78   | 93   | 106  | 118  | 130  | 141  | 152  |
|              | -1%   | 48                                | 67   | 84   | 101  | 116  | 132  | 146  | 160  | 174  |
| DOWNHILL     | -2%   | 49                                | 70   | 90   | 108  | 125  | 142  | 158  | 175  | 190  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16200-16250 • ID 15.5 MM • KD 0.35 • FLOW RATE 3.80 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 34                                | 46   | 56   | 64   | 71   | 77   | 82   | 87   | 92   |
|              | 1%    | 36                                | 49   | 60   | 70   | 79   | 87   | 94   | 102  | 108  |
| FLAT TERRAIN | 0     | 38                                | 52   | 65   | 77   | 88   | 98   | 108  | 118  | 126  |
|              | -1%   | 39                                | 55   | 69   | 83   | 95   | 108  | 119  | 131  | 142  |
| DOWNHILL     | -2%   | 40                                | 57   | 73   | 88   | 102  | 116  | 129  | 141  | 154  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16200-16250 • ID 15.5 MM • KD 0.35 • FLOW RATE 8.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 22                                | 30   | 36   | 43   | 48   | 53   | 57   | 61   | 65   |
|              | 1%  | 23                                | 31   | 38   | 45   | 51   | 57   | 62   | 67   | 72   |
| FLAT TERRAIN | 0   | 23                                | 32   | 40   | 48   | 55   | 61   | 67   | 73   | 79   |
|              | -1% | 24                                | 33   | 42   | 50   | 58   | 65   | 72   | 78   | 85   |
| DOWNHILL     | -2% | 24                                | 34   | 44   | 52   | 61   | 68   | 76   | 83   | 90   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16007 • ID 15.5 MM • KD 0.35 • FLOW RATE 0.55 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 94                                | 113  | 124  | 132  | 137  | 141  | 144  | 146  | 147  |
|              | 1%  | 112                               | 144  | 169  | 189  | 204  | 217  | 228  | 237  | 245  |
| FLAT TERRAIN | 0   | 132                               | 182  | 226  | 267  | 304  | 339  | 372  | 404  | 435  |
|              | -1% | 148                               | 211  | 270  | 327  | 380  | 433  | 483  | 533  | 581  |
| DOWNHILL     | -2% | 161                               | 233  | 303  | 369  | 439  | 511  | 581  | 651  | 721  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16007 • ID 15.5 MM • KD 0.35 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 80                                | 99   | 112  | 121  | 127  | 132  | 136  | 140  | 142  |
|              | 1%  | 91                                | 119  | 142  | 161  | 176  | 189  | 200  | 210  | 218  |
| FLAT TERRAIN | 0   | 104                               | 143  | 178  | 210  | 239  | 267  | 294  | 319  | 343  |
|              | -1% | 114                               | 162  | 206  | 249  | 289  | 328  | 366  | 402  | 438  |
| DOWNHILL     | -2% | 122                               | 176  | 228  | 277  | 325  | 371  | 416  | 461  | 503  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16007 • ID 15.5 MM • KD 0.35 • FLOW RATE 1.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 72                                | 90   | 103  | 113  | 120  | 126  | 130  | 134  | 137  |
|              | 1%  | 80                                | 106  | 127  | 144  | 159  | 172  | 182  | 193  | 201  |
| FLAT TERRAIN | 0   | 90                                | 124  | 154  | 182  | 207  | 231  | 254  | 275  | 297  |
|              | -1% | 97                                | 138  | 176  | 211  | 245  | 278  | 310  | 340  | 370  |
| DOWNHILL     | -2% | 104                               | 149  | 192  | 234  | 274  | 312  | 350  | 385  | 423  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16007 • ID 15.5 MM • KD 0.35 • FLOW RATE 1.40 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 60                                | 77   | 90   | 100  | 108  | 114  | 120  | 124  | 128  |
|              | 1%  | 66                                | 88   | 106  | 122  | 135  | 147  | 158  | 167  | 176  |
| FLAT TERRAIN | 0   | 72                                | 100  | 124  | 147  | 167  | 186  | 205  | 222  | 239  |
|              | -1% | 77                                | 109  | 138  | 166  | 193  | 218  | 242  | 266  | 289  |
| DOWNHILL     | -2% | 82                                | 117  | 150  | 182  | 212  | 242  | 270  | 299  | 326  |



## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16007 • ID 15.5 MM • KD 0.35 • FLOW RATE 1.90 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 51                                | 67   | 78   | 89   | 96   | 103  | 109  | 113  | 118  |
|              | 1%  | 55                                | 74   | 90   | 104  | 116  | 126  | 136  | 145  | 153  |
| FLAT TERRAIN | 0   | 59                                | 82   | 102  | 120  | 137  | 153  | 169  | 183  | 197  |
|              | -1% | 63                                | 88   | 112  | 134  | 155  | 175  | 194  | 213  | 232  |
| DOWNHILL     | -2% | 66                                | 94   | 120  | 145  | 169  | 192  | 214  | 237  | 258  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16007 • ID 15.5 MM • KD 0.35 • FLOW RATE 2.85 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 41                                | 54   | 64   | 74   | 81   | 88   | 93   | 98   | 103  |
|              | 1%  | 43                                | 58   | 71   | 83   | 93   | 102  | 110  | 118  | 126  |
| FLAT TERRAIN | 0   | 45                                | 63   | 78   | 93   | 106  | 118  | 130  | 141  | 152  |
|              | -1% | 48                                | 67   | 84   | 101  | 116  | 132  | 146  | 160  | 174  |
| DOWNHILL     | -2% | 49                                | 70   | 90   | 108  | 125  | 142  | 158  | 175  | 190  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16007 • ID 15.5 MM • KD 0.35 • FLOW RATE 3.80 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 34                                | 46   | 56   | 64   | 71   | 77   | 82   | 87   | 92   |
|              | 1%  | 36                                | 49   | 60   | 70   | 79   | 87   | 94   | 102  | 108  |
| FLAT TERRAIN | 0   | 38                                | 52   | 65   | 77   | 88   | 98   | 108  | 118  | 126  |
|              | -1% | 39                                | 55   | 69   | 83   | 95   | 108  | 119  | 131  | 142  |
| DOWNHILL     | -2% | 40                                | 57   | 73   | 88   | 102  | 116  | 129  | 141  | 154  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16007 • ID 15.5 MM • KD 0.35 • FLOW RATE 8.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 22                                | 30   | 36   | 43   | 48   | 53   | 57   | 61   | 65   |
|              | 1%  | 23                                | 31   | 38   | 45   | 51   | 57   | 62   | 67   | 72   |
| FLAT TERRAIN | 0   | 23                                | 32   | 40   | 48   | 55   | 61   | 67   | 73   | 79   |
|              | -1% | 24                                | 33   | 42   | 50   | 58   | 65   | 72   | 78   | 85   |
| DOWNHILL     | -2% | 24                                | 34   | 44   | 52   | 61   | 68   | 76   | 83   | 90   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16008 • ID 15.5 MM • KD 0.35 • FLOW RATE 0.55 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 94                                | 113  | 124  | 132  | 137  | 141  | 144  | 146  | 147  |
|              | 1%  | 112                               | 144  | 169  | 189  | 204  | 217  | 228  | 237  | 245  |
| FLAT TERRAIN | 0   | 132                               | 182  | 226  | 267  | 304  | 339  | 372  | 404  | 435  |
|              | -1% | 148                               | 211  | 270  | 327  | 380  | 433  | 483  | 533  | 581  |
| DOWNHILL     | -2% | 161                               | 233  | 303  | 369  | 439  | 511  | 581  | 649  | 716  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16008 • ID 15.5 MM • KD 0.35 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 80                                | 99   | 112  | 121  | 127  | 132  | 136  | 140  | 142  |
|              | 1%  | 91                                | 119  | 142  | 161  | 176  | 189  | 200  | 210  | 218  |
| FLAT TERRAIN | 0   | 104                               | 143  | 178  | 210  | 239  | 267  | 294  | 319  | 343  |
|              | -1% | 114                               | 162  | 206  | 249  | 289  | 328  | 366  | 402  | 438  |
| DOWNHILL     | -2% | 122                               | 176  | 228  | 277  | 325  | 371  | 230  | 252  | 243  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16008 • ID 15.5 MM • KD 0.35 • FLOW RATE 1.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 72                                | 90   | 103  | 113  | 120  | 126  | 130  | 134  | 137  |
|              | 1%  | 80                                | 106  | 127  | 144  | 159  | 172  | 182  | 193  | 201  |
| FLAT TERRAIN | 0   | 90                                | 124  | 154  | 182  | 207  | 231  | 254  | 275  | 297  |
|              | -1% | 97                                | 138  | 176  | 211  | 245  | 278  | 310  | 340  | 370  |
| DOWNHILL     | -2% | 104                               | 149  | 192  | 234  | 274  | 312  | 350  | 385  | 233  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16008 • ID 15.5 MM • KD 0.35 • FLOW RATE 1.50 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 58                                | 75   | 88   | 98   | 106  | 112  | 118  | 122  | 126  |
|              | 1%  | 63                                | 85   | 102  | 118  | 131  | 142  | 153  | 162  | 171  |
| FLAT TERRAIN | 0   | 69                                | 95   | 118  | 140  | 160  | 179  | 196  | 212  | 229  |
|              | -1% | 74                                | 104  | 132  | 158  | 183  | 207  | 230  | 253  | 275  |
| DOWNHILL     | -2% | 78                                | 111  | 142  | 173  | 202  | 230  | 257  | 283  | 309  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16008 • ID 15.5 MM • KD 0.35 • FLOW RATE 2.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 50                                | 65   | 77   | 87   | 94   | 101  | 106  | 112  | 116  |
|              | 1%  | 53                                | 72   | 87   | 101  | 112  | 123  | 133  | 141  | 150  |
| FLAT TERRAIN | 0   | 57                                | 79   | 98   | 117  | 133  | 148  | 163  | 177  | 191  |
|              | -1% | 60                                | 85   | 108  | 129  | 149  | 169  | 187  | 206  | 223  |
| DOWNHILL     | -2% | 63                                | 90   | 116  | 140  | 163  | 185  | 206  | 228  | 248  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16008 • ID 15.5 MM • KD 0.35 • FLOW RATE 3.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 39                                | 52   | 63   | 72   | 79   | 85   | 91   | 96   | 101  |
|              | 1%  | 42                                | 56   | 69   | 81   | 90   | 99   | 107  | 115  | 122  |
| FLAT TERRAIN | 0   | 44                                | 61   | 76   | 90   | 103  | 114  | 126  | 137  | 147  |
|              | -1% | 46                                | 65   | 82   | 98   | 113  | 127  | 141  | 154  | 167  |
| DOWNHILL     | -2% | 48                                | 68   | 86   | 104  | 121  | 137  | 153  | 168  | 183  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16008 • ID 15.5 MM • KD 0.35 • FLOW RATE 4.00 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 33                                | 45   | 54   | 62   | 69   | 75   | 80   | 86   | 90   |
|              | 1%    | 35                                | 47   | 58   | 68   | 77   | 85   | 92   | 99   | 105  |
| FLAT TERRAIN | 0     | 36                                | 50   | 63   | 75   | 85   | 95   | 105  | 113  | 122  |
|              | -1%   | 38                                | 53   | 67   | 80   | 92   | 104  | 115  | 126  | 137  |
| DOWNHILL     | -2%   | 39                                | 55   | 70   | 85   | 98   | 111  | 124  | 136  | 148  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 16008 • ID 15.5 MM • KD 0.35 • FLOW RATE 8.00 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 22                                | 30   | 36   | 43   | 48   | 53   | 57   | 61   | 65   |
|              | 1%    | 23                                | 31   | 38   | 45   | 51   | 57   | 62   | 67   | 72   |
| FLAT TERRAIN | 0     | 23                                | 32   | 40   | 48   | 55   | 61   | 67   | 73   | 79   |
|              | -1%   | 24                                | 33   | 42   | 50   | 58   | 65   | 72   | 78   | 85   |
| DOWNHILL     | -2%   | 24                                | 34   | 44   | 52   | 61   | 68   | 76   | 83   | 90   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 22200-22250 • ID 22.2 MM • KD 0.06 • FLOW RATE 0.50 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 136                               | 145  | 148  | 150  | 151  | 153  | 153  | 153  | 154  |
|              | 1%    | 203                               | 235  | 255  | 268  | 277  | 283  | 287  | 291  | 294  |
| FLAT TERRAIN | 0     | 301                               | 399  | 485  | 564  | 636  | 704  | 769  | 831  | 890  |
|              | -1%   | 377                               | 526  | 665  | 795  | 905  | 1000 | 1080 | 1145 | 1200 |
| DOWNHILL     | -2%   | 237                               | 198  | 185  | 181  | 178  | 177  | 176  | 176  | 175  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 22200-22250 • ID 22.2 MM • KD 0.06 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 128                               | 141  | 148  | 152  | 154  | 156  | 158  | 158  | 159  |
|              | 1%    | 171                               | 206  | 230  | 248  | 261  | 271  | 278  | 284  | 291  |
| FLAT TERRAIN | 0     | 227                               | 301  | 366  | 425  | 480  | 531  | 580  | 627  | 671  |
|              | -1%   | 277                               | 392  | 503  | 614  | 723  | 834  | 945  | 1056 | 1167 |
| DOWNHILL     | -2%   | 333                               | 496  | 666  | 841  | 1011 | 1186 | 1366 | 1551 | 1741 |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 22200-22250 • ID 22.2 MM • KD 0.06 • FLOW RATE 1.00 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 120                               | 135  | 143  | 148  | 152  | 154  | 155  | 157  | 158  |
|              | 1%    | 154                               | 188  | 213  | 232  | 245  | 257  | 266  | 273  | 279  |
| FLAT TERRAIN | 0     | 196                               | 260  | 317  | 368  | 416  | 460  | 503  | 543  | 582  |
|              | -1%   | 234                               | 328  | 419  | 508  | 596  | 683  | 771  | 860  | 949  |
| DOWNHILL     | -2%   | 275                               | 404  | 528  | 647  | 761  | 871  | 977  | 1080 | 1181 |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 22200-22250 • ID 22.2 MM • KD 0.06 • FLOW RATE 1.40 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 107                               | 124  | 134  | 141  | 145  | 148  | 150  | 153  | 154  |
|              | 1%  | 131                               | 162  | 186  | 205  | 220  | 232  | 242  | 252  | 259  |
| FLAT TERRAIN | 0   | 158                               | 210  | 256  | 297  | 335  | 372  | 406  | 438  | 470  |
|              | -1% | 182                               | 254  | 321  | 387  | 451  | 515  | 578  | 640  | 703  |
| DOWNHILL     | -2% | 208                               | 301  | 394  | 488  | 190  | 175  | 169  | 165  | 162  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 22200-22250 • ID 22.2 MM • KD 0.06 • FLOW RATE 1.90 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 94                                | 112  | 124  | 132  | 137  | 141  | 146  | 148  | 150  |
|              | 1%  | 111                               | 140  | 162  | 180  | 196  | 208  | 219  | 230  | 237  |
| FLAT TERRAIN | 0   | 130                               | 173  | 210  | 245  | 276  | 306  | 334  | 361  | 386  |
|              | -1% | 146                               | 202  | 254  | 304  | 353  | 400  | 448  | 495  | 541  |
| DOWNHILL     | -2% | 163                               | 233  | 302  | 370  | 439  | 509  | 190  | 178  | 172  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 22200-22250 • ID 22.2 MM • KD 0.06 • FLOW RATE 2.85 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 78                                | 96   | 108  | 117  | 125  | 130  | 134  | 139  | 141  |
|              | 1%  | 89                                | 113  | 133  | 150  | 164  | 176  | 187  | 197  | 206  |
| FLAT TERRAIN | 0   | 100                               | 133  | 162  | 189  | 214  | 236  | 258  | 279  | 299  |
|              | -1% | 109                               | 150  | 188  | 224  | 258  | 292  | 325  | 357  | 389  |
| DOWNHILL     | -2% | 120                               | 169  | 216  | 262  | 308  | 354  | 399  | 446  | 492  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 22200-22250 • ID 22.2 MM • KD 0.06 • FLOW RATE 3.80 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 68                                | 84   | 97   | 106  | 114  | 120  | 125  | 130  | 133  |
|              | 1%  | 76                                | 97   | 115  | 130  | 143  | 155  | 165  | 175  | 183  |
| FLAT TERRAIN | 0   | 83                                | 111  | 135  | 157  | 178  | 197  | 215  | 232  | 249  |
|              | -1% | 90                                | 122  | 152  | 181  | 208  | 235  | 261  | 286  | 311  |
| DOWNHILL     | -2% | 97                                | 135  | 172  | 207  | 242  | 277  | 311  | 346  | 380  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 22200-22250 • ID 22.2 MM • KD 0.06 • FLOW RATE 8.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 45                                | 57   | 67   | 75   | 82   | 88   | 94   | 98   | 102  |
|              | 1%  | 48                                | 62   | 74   | 85   | 95   | 104  | 111  | 119  | 125  |
| FLAT TERRAIN | 0   | 51                                | 68   | 82   | 96   | 108  | 120  | 131  | 142  | 152  |
|              | -1% | 53                                | 72   | 89   | 105  | 120  | 134  | 148  | 161  | 174  |
| DOWNHILL     | -2% | 56                                | 76   | 95   | 113  | 129  | 146  | 161  | 176  | 191  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 25200 • ID 25.0 MM • KD 0.05 • FLOW RATE 0.50 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|------|
|              |     | SLOPE                             | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 142                               | 148  | 150  | 152  | 152  | 153  | 154  | 154  | 154  |      |
|              | 1%  | 226                               | 255  | 271  | 282  | 288  | 292  | 295  | 298  | 300  |      |
| FLAT TERRAIN | 0   | 366                               | 487  | 593  | 689  | 778  | 862  | 942  | 1017 | 1090 |      |
|              | -1% | 473                               | 666  | 467  | 470  | 404  | 384  | 373  | 366  | 362  |      |
| DOWNHILL     | -2% | 211                               | 185  | 179  | 177  | 176  | 175  | 174  | 175  | 175  |      |

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 meters lateral length

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 25200 • ID 25.0 MM • KD 0.05 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|------|
|              |     | SLOPE                             | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 138                               | 148  | 153  | 156  | 157  | 158  | 159  | 159  | 160  |      |
|              | 1%  | 197                               | 232  | 254  | 270  | 280  | 288  | 294  | 299  | 303  |      |
| FLAT TERRAIN | 0   | 279                               | 370  | 450  | 522  | 590  | 652  | 712  | 770  | 824  |      |
|              | -1% | 356                               | 510  | 661  | 813  | 966  | 393  | 360  | 346  | 336  |      |
| DOWNHILL     | -2% | 444                               | 176  | 164  | 160  | 158  | 157  | 156  | 155  | 155  |      |

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 meters lateral length

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 25200 • ID 25.0 MM • KD 0.05 • FLOW RATE 1.00 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|------|
|              |     | SLOPE                             | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 131                               | 143  | 150  | 153  | 155  | 157  | 158  | 158  | 160  |      |
|              | 1%  | 179                               | 214  | 238  | 255  | 267  | 277  | 284  | 290  | 294  |      |
| FLAT TERRAIN | 0   | 241                               | 320  | 390  | 452  | 511  | 566  | 617  | 667  | 714  |      |
|              | -1% | 299                               | 424  | 546  | 667  | 788  | 910  | 1034 | 383  | 360  |      |
| DOWNHILL     | -2% | 362                               | 203  | 172  | 164  | 160  | 158  | 157  | 157  | 156  |      |

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 meters lateral length

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 25200 • ID 25.0 MM • KD 0.05 • FLOW RATE 1.40 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|------|
|              |     | SLOPE                             | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 119                               | 134  | 143  | 148  | 151  | 154  | 155  | 157  | 158  |      |
|              | 1%  | 153                               | 187  | 212  | 231  | 245  | 256  | 265  | 272  | 279  |      |
| FLAT TERRAIN | 0   | 195                               | 258  | 314  | 365  | 412  | 456  | 498  | 538  | 577  |      |
|              | -1% | 231                               | 325  | 414  | 502  | 589  | 676  | 762  | 850  | 937  |      |
| DOWNHILL     | -2% | 272                               | 399  | 213  | 177  | 168  | 164  | 161  | 159  | 158  |      |

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 meters lateral length

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 25200 • ID 25.0 MM • KD 0.05 • FLOW RATE 1.90 L/H • INLET PRESSURE 1.5 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|------|------|------|
|              |     | SLOPE                             | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%  | 107                               | 124  | 134  | 141  | 146  | 149  | 151  | 153  | 154  |      |
|              | 1%  | 132                               | 163  | 187  | 206  | 221  | 234  | 244  | 253  | 260  |      |
| FLAT TERRAIN | 0   | 160                               | 212  | 258  | 300  | 338  | 375  | 410  | 443  | 475  |      |
|              | -1% | 184                               | 257  | 325  | 392  | 457  | 521  | 585  | 649  | 712  |      |
| DOWNHILL     | -2% | 211                               | 305  | 400  | 495  | 188  | 174  | 168  | 165  | 162  |      |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 25200 • ID 25.0 MM • KD 0.05 • FLOW RATE 2.85 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 91                                | 109  | 120  | 129  | 135  | 139  | 144  | 146  | 149  |
|              | 1%    | 106                               | 134  | 156  | 174  | 188  | 202  | 213  | 222  | 231  |
| FLAT TERRAIN | 0     | 123                               | 164  | 199  | 232  | 262  | 290  | 316  | 342  | 367  |
|              | -1%   | 138                               | 190  | 238  | 285  | 331  | 375  | 418  | 462  | 505  |
| DOWNHILL     | -2%   | 153                               | 218  | 281  | 344  | 407  | 471  | 209  | 186  | 177  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 25200 • ID 25.0 MM • KD 0.05 • FLOW RATE 3.80 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 80                                | 97   | 110  | 119  | 126  | 131  | 136  | 140  | 142  |
|              | 1%    | 91                                | 116  | 136  | 153  | 167  | 179  | 190  | 200  | 208  |
| FLAT TERRAIN | 0     | 102                               | 136  | 166  | 193  | 218  | 242  | 264  | 285  | 306  |
|              | -1%   | 112                               | 154  | 193  | 230  | 265  | 300  | 334  | 367  | 400  |
| DOWNHILL     | -2%   | 123                               | 173  | 222  | 270  | 317  | 364  | 412  | 460  | 508  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

ARIES™ MWD • 25200 • ID 25.0 MM • KD 0.05 • FLOW RATE 8.00 L/H • INLET PRESSURE 1.5 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 |
| UPHILL       | 2%    | 53                                | 67   | 78   | 87   | 94   | 100  | 106  | 110  | 114  |
|              | 1%    | 57                                | 74   | 88   | 101  | 112  | 122  | 130  | 139  | 147  |
| FLAT TERRAIN | 0     | 61                                | 82   | 100  | 117  | 132  | 146  | 160  | 174  | 186  |
|              | -1%   | 65                                | 89   | 110  | 130  | 149  | 167  | 184  | 202  | 218  |
| DOWNHILL     | -2%   | 69                                | 95   | 118  | 141  | 163  | 183  | 203  | 222  | 242  |