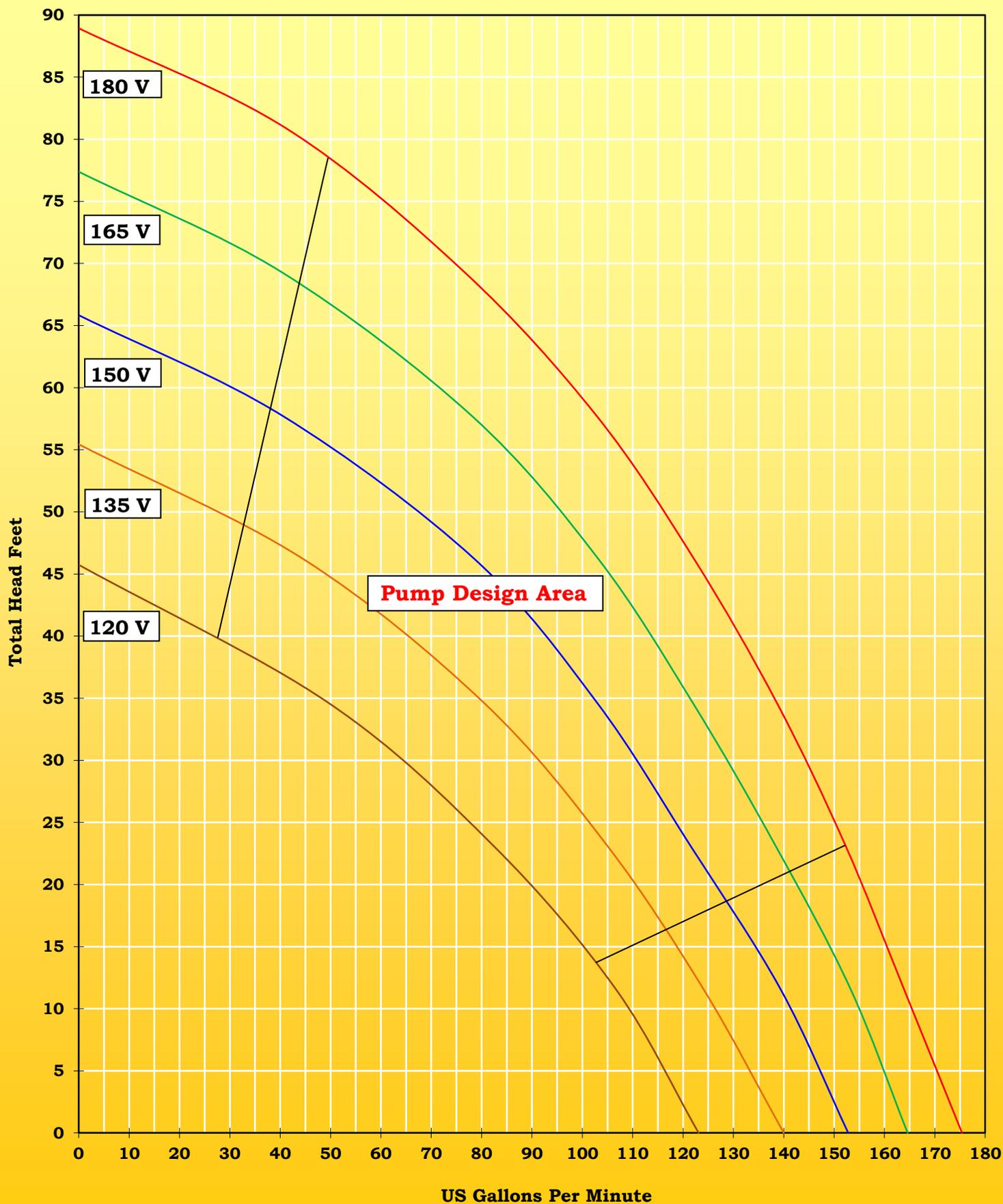


# SunPumps Centrifugal Pool Pumps Model SCP 100-60-180 BV



# *SunPumps Centrifugal Pool Pumps*

## **Model SCP 100-60-180 BV**

3 HP Brushless Motor

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array Watts* | System Efficiency |
|-----|----------|------------|---------------|------------|----------|-----|-------------|--------------------|-------------------|
| 0   | 0        | 0.0        | 120           | 6.7        | 123      | 466 | 804         | 1005               | 0%                |
| 5   | 12       | 3.5        | 120           | 6.8        | 107      | 404 | 817         | 1022               | 28%               |
| 10  | 23       | 7.0        | 120           | 6.6        | 82       | 312 | 792         | 990                | 45%               |
| 15  | 35       | 10.6       | 120           | 5.7        | 50       | 187 | 680         | 851                | 47%               |
| 20  | 46       | 13.9       | 120           | 3.2        | 0        | 0   | 389         | 486                | 0%                |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array Watts* | System Efficiency |
|-----|----------|------------|---------------|------------|----------|-----|-------------|--------------------|-------------------|
| 0   | 0        | 0.0        | 135           | 8.1        | 140      | 530 | 1087        | 1358               | 0%                |
| 5   | 12       | 3.5        | 135           | 8.1        | 124      | 470 | 1096        | 1370               | 25%               |
| 10  | 23       | 7.0        | 135           | 8.1        | 105      | 397 | 1087        | 1358               | 42%               |
| 15  | 35       | 10.6       | 135           | 7.7        | 80       | 304 | 1040        | 1299               | 50%               |
| 20  | 46       | 14.1       | 135           | 6.4        | 45       | 169 | 863         | 1078               | 45%               |
| 24  | 55       | 16.9       | 135           | 3.9        | 0        | 0   | 524         | 655                | 0%                |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array Watts* | System Efficiency |
|-----|----------|------------|---------------|------------|----------|-----|-------------|--------------------|-------------------|
| 0   | 0        | 0.0        | 150           | 9.6        | 153      | 578 | 1433        | 1791               | 0%                |
| 5   | 12       | 3.5        | 150           | 9.7        | 139      | 528 | 1448        | 1809               | 21%               |
| 10  | 23       | 7.0        | 150           | 9.7        | 122      | 460 | 1448        | 1809               | 37%               |
| 15  | 35       | 10.6       | 150           | 9.4        | 103      | 389 | 1413        | 1766               | 48%               |
| 20  | 46       | 14.1       | 150           | 8.7        | 79       | 298 | 1307        | 1633               | 52%               |
| 25  | 58       | 17.6       | 150           | 7.1        | 40       | 153 | 1059        | 1324               | 42%               |
| 29  | 66       | 20.1       | 150           | 4.6        | 0        | 0   | 686         | 857                | 0%                |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array Watts* | System Efficiency |
|-----|----------|------------|---------------|------------|----------|-----|-------------|--------------------|-------------------|
| 0   | 0        | 0.0        | 165           | 11.1       | 165      | 623 | 1833        | 2291               | 0%                |
| 5   | 12       | 3.5        | 165           | 11.2       | 153      | 580 | 1845        | 2306               | 18%               |
| 10  | 23       | 7.0        | 165           | 11.2       | 138      | 524 | 1850        | 2312               | 33%               |
| 15  | 35       | 10.6       | 165           | 11.1       | 122      | 461 | 1832        | 2289               | 43%               |
| 20  | 46       | 14.1       | 165           | 10.8       | 103      | 391 | 1780        | 2225               | 50%               |
| 25  | 58       | 17.6       | 165           | 10.0       | 78       | 295 | 1642        | 2052               | 52%               |
| 30  | 69       | 21.1       | 165           | 8.1        | 40       | 153 | 1340        | 1675               | 39%               |
| 34  | 77       | 23.6       | 165           | 5.3        | 0        | 0   | 878         | 1097               | 0%                |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array Watts* | System Efficiency |
|-----|----------|------------|---------------|------------|----------|-----|-------------|--------------------|-------------------|
| 0   | 0        | 0.0        | 180           | 12.5       | 175      | 664 | 2241        | 2801               | 0%                |
| 5   | 12       | 3.5        | 180           | 12.7       | 164      | 620 | 2284        | 2855               | 16%               |
| 10  | 23       | 7.0        | 180           | 12.7       | 152      | 576 | 2293        | 2867               | 29%               |
| 15  | 35       | 10.6       | 180           | 12.6       | 139      | 525 | 2268        | 2835               | 40%               |
| 20  | 46       | 14.1       | 180           | 12.4       | 122      | 463 | 2223        | 2779               | 48%               |
| 25  | 58       | 17.6       | 180           | 11.9       | 103      | 389 | 2133        | 2666               | 52%               |
| 30  | 69       | 21.1       | 180           | 10.8       | 77       | 290 | 1951        | 2439               | 51%               |
| 35  | 81       | 24.6       | 180           | 9.1        | 41       | 156 | 1640        | 2050               | 38%               |
| 39  | 89       | 27.1       | 180           | 6.1        | 0        | 0   | 1105        | 1382               | 0%                |

\* Solar array watts using a 20% deration factor.