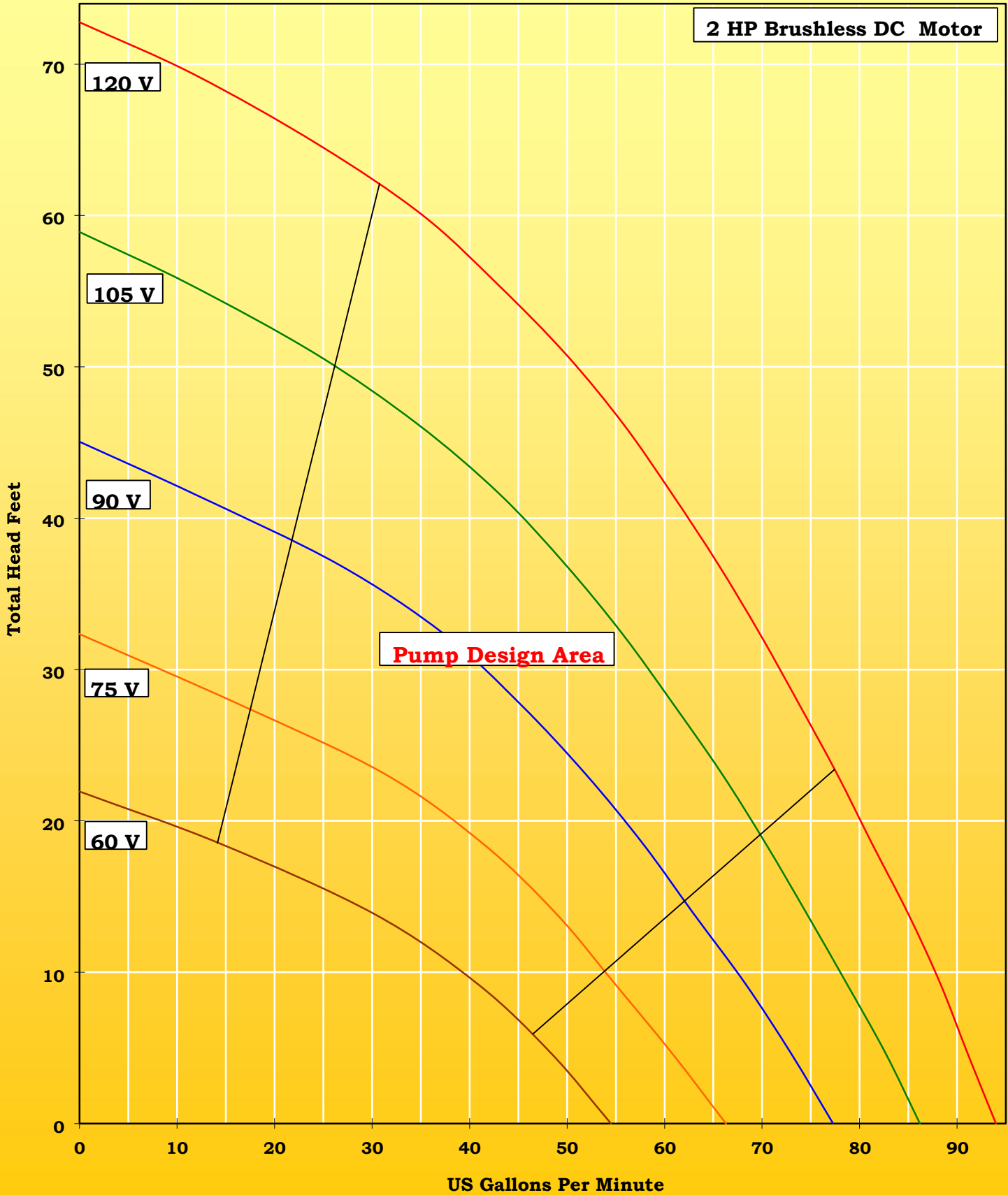


# SunRay Centrifugal Pool Pumps Model SolFlo 2



## SunRay Centrifugal Pool Pump Model SolFlo 2

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Peak Panel Watts* | System Efficiency |
|-----|----------|------------|---------------|------------|----------|-----|-------------|-------------------|-------------------|
| 0   | 0        | 0.0        | 60            | 2.72       | 54.5     | 206 | 163         | 204               | 0%                |
| 2   | 5        | 1.4        | 60            | 2.81       | 48.4     | 183 | 169         | 211               | 25%               |
| 4   | 9        | 2.8        | 60            | 2.98       | 40.8     | 154 | 179         | 224               | 40%               |
| 6   | 14       | 4.2        | 60            | 3.05       | 30.2     | 114 | 183         | 229               | 43%               |
| 8   | 18       | 5.6        | 60            | 2.92       | 14.5     | 55  | 175         | 219               | 29%               |
| 10  | 22       | 6.7        | 60            | 2.31       | 0.0      | 0   | 139         | 173               | 0%                |
| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Peak Panel Watts* | System Efficiency |
| 0   | 0        | 0.0        | 75            | 3.68       | 66.3     | 251 | 276         | 345               | 0%                |
| 2   | 5        | 1.4        | 75            | 3.85       | 60.8     | 230 | 289         | 361               | 18%               |
| 4   | 9        | 2.8        | 75            | 4.04       | 54.9     | 208 | 303         | 379               | 32%               |
| 6   | 14       | 4.2        | 75            | 4.18       | 48.9     | 185 | 314         | 392               | 41%               |
| 8   | 18       | 5.6        | 75            | 4.26       | 41.4     | 157 | 320         | 399               | 45%               |
| 10  | 23       | 7.0        | 75            | 4.23       | 31.3     | 118 | 317         | 397               | 43%               |
| 12  | 28       | 8.5        | 75            | 4.04       | 16.3     | 62  | 303         | 379               | 28%               |
| 14  | 32       | 9.9        | 75            | 3.17       | 0.0      | 0   | 238         | 297               | 0%                |
| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Peak Panel Watts* | System Efficiency |
| 0   | 0        | 0.0        | 90            | 4.89       | 77.3     | 293 | 440         | 550               | 0%                |
| 2   | 5        | 1.4        | 90            | 5.10       | 73.0     | 276 | 459         | 574               | 14%               |
| 4   | 9        | 2.8        | 90            | 5.29       | 68.3     | 259 | 476         | 595               | 25%               |
| 6   | 14       | 4.2        | 90            | 5.44       | 63.0     | 238 | 490         | 612               | 34%               |
| 8   | 18       | 5.6        | 90            | 5.55       | 57.8     | 219 | 500         | 624               | 40%               |
| 10  | 23       | 7.0        | 90            | 5.63       | 51.9     | 196 | 507         | 633               | 45%               |
| 12  | 28       | 8.5        | 90            | 5.69       | 45.2     | 171 | 512         | 640               | 46%               |
| 14  | 32       | 9.9        | 90            | 5.62       | 37.4     | 142 | 506         | 632               | 45%               |
| 16  | 37       | 11.3       | 90            | 5.46       | 26.5     | 100 | 491         | 614               | 38%               |
| 18  | 42       | 12.7       | 90            | 4.83       | 11.8     | 45  | 435         | 543               | 21%               |
| 20  | 45       | 13.7       | 90            | 4.27       | 0.0      | 0   | 384         | 480               | 0%                |
| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Peak Panel Watts* | System Efficiency |
| 0   | 0        | 0.0        | 105           | 6.52       | 86.2     | 326 | 685         | 856               | 0%                |
| 2   | 5        | 1.4        | 105           | 6.67       | 82.7     | 313 | 700         | 875               | 10%               |
| 4   | 9        | 2.8        | 105           | 6.79       | 78.7     | 298 | 713         | 891               | 19%               |
| 6   | 14       | 4.2        | 105           | 6.89       | 74.6     | 282 | 723         | 904               | 27%               |
| 8   | 18       | 5.6        | 105           | 6.94       | 70.4     | 266 | 729         | 911               | 34%               |
| 10  | 23       | 7.0        | 105           | 7.08       | 65.9     | 249 | 743         | 929               | 39%               |
| 12  | 28       | 8.5        | 105           | 7.18       | 60.9     | 231 | 754         | 942               | 42%               |
| 14  | 32       | 9.9        | 105           | 7.25       | 55.7     | 211 | 761         | 952               | 45%               |
| 16  | 37       | 11.3       | 105           | 7.24       | 49.8     | 188 | 760         | 950               | 46%               |
| 18  | 42       | 12.7       | 105           | 7.20       | 43.1     | 163 | 756         | 945               | 45%               |
| 20  | 46       | 14.1       | 105           | 7.03       | 34.7     | 131 | 738         | 923               | 41%               |
| 22  | 51       | 15.5       | 105           | 6.75       | 24.3     | 92  | 709         | 886               | 33%               |
| 24  | 55       | 16.9       | 105           | 5.88       | 11.3     | 43  | 617         | 772               | 19%               |
| 26  | 59       | 18.0       | 105           | 5.41       | 0.0      | 0   | 568         | 710               | 0%                |
| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Peak Panel Watts* | System Efficiency |
| 0   | 0        | 0.0        | 120           | 7.59       | 94.0     | 356 | 911         | 1139              | 0%                |
| 2   | 5        | 1.4        | 120           | 7.96       | 91.1     | 345 | 955         | 1194              | 8%                |
| 4   | 9        | 2.8        | 120           | 8.26       | 88.3     | 334 | 991         | 1239              | 16%               |
| 6   | 14       | 4.2        | 120           | 8.41       | 85.0     | 322 | 1009        | 1262              | 22%               |
| 8   | 18       | 5.6        | 120           | 8.55       | 81.3     | 308 | 1026        | 1283              | 28%               |
| 10  | 23       | 7.0        | 120           | 8.61       | 77.7     | 294 | 1033        | 1292              | 33%               |
| 12  | 28       | 8.5        | 120           | 8.60       | 73.8     | 279 | 1032        | 1290              | 37%               |
| 14  | 32       | 9.9        | 120           | 8.71       | 69.8     | 264 | 1045        | 1307              | 41%               |
| 16  | 37       | 11.3       | 120           | 8.76       | 65.5     | 248 | 1051        | 1314              | 43%               |
| 18  | 42       | 12.7       | 120           | 8.81       | 60.8     | 230 | 1057        | 1322              | 45%               |
| 20  | 46       | 14.1       | 120           | 8.84       | 55.8     | 211 | 1061        | 1326              | 46%               |
| 22  | 51       | 15.5       | 120           | 8.78       | 49.9     | 189 | 1054        | 1317              | 45%               |
| 24  | 55       | 16.9       | 120           | 8.68       | 42.9     | 162 | 1042        | 1302              | 43%               |

|    |    |      |     |      |      |     |      |      |     |
|----|----|------|-----|------|------|-----|------|------|-----|
| 26 | 60 | 18.3 | 120 | 8.45 | 35.1 | 133 | 1014 | 1268 | 39% |
| 28 | 65 | 19.7 | 120 | 8.07 | 24.5 | 93  | 968  | 1211 | 31% |
| 30 | 69 | 21.1 | 120 | 7.23 | 11.8 | 45  | 868  | 1085 | 18% |
| 32 | 73 | 22.2 | 120 | 6.54 | 0.0  | 0   | 785  | 981  | 0%  |

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

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