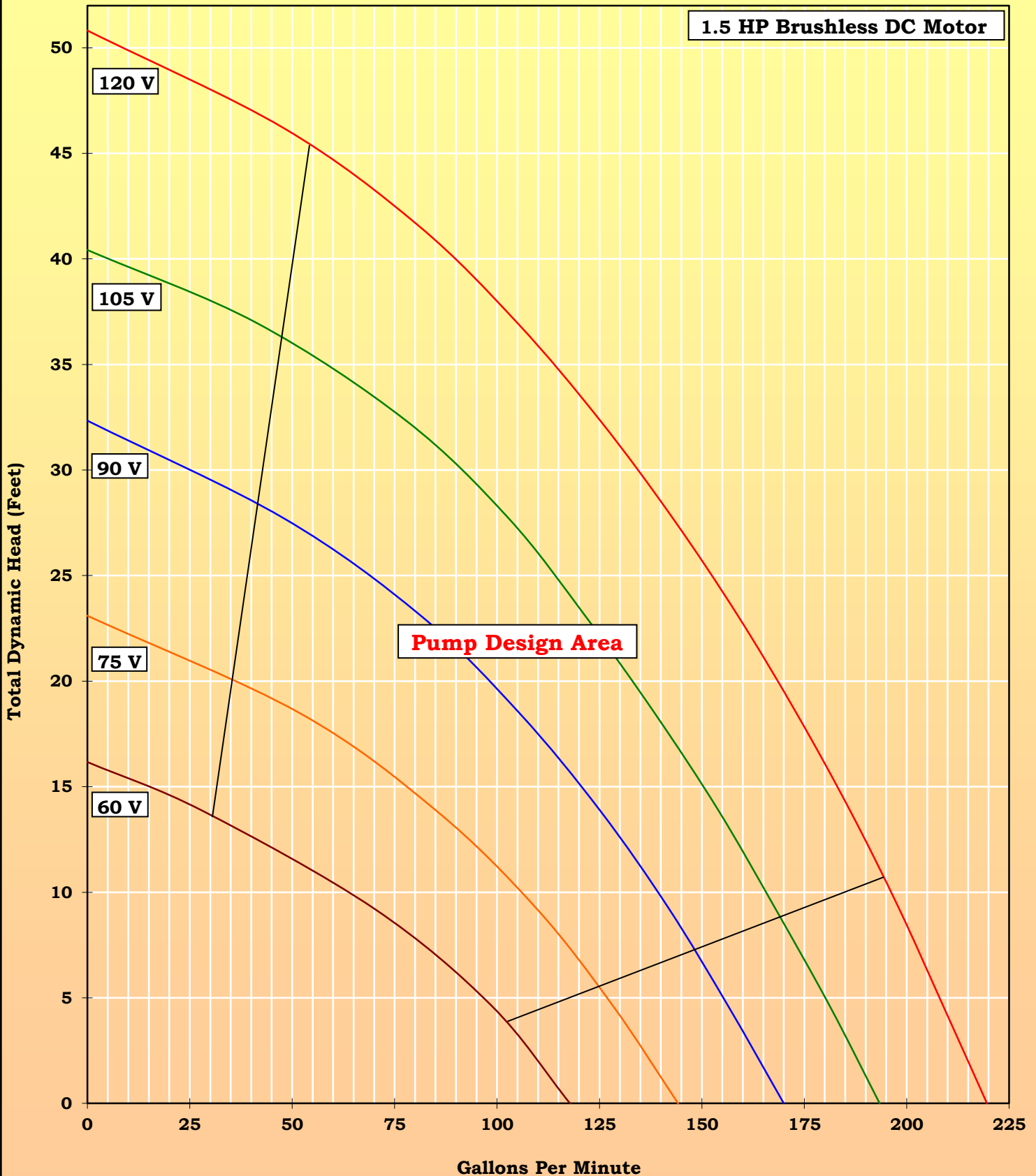


SunPumps Brushless DC Submersible Model SCS 125-32-120 BL

6" Diameter Pump End - 3" Discharge



SunPumps Brushless DC Submersible Model SCS 125-32-120 BL

1.5 HP Brushless DC Motor

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array *Watts | Efficiency |
|-----|----------|------------|---------------|------------|----------|-------|-------------|--------------------|------------|
| 0 | 0 | 0.0 | 60 | 4.81 | 117.8 | 445.9 | 289 | 361 | 0% |
| 2 | 5 | 1.4 | 60 | 4.76 | 98.7 | 373.6 | 286 | 357 | 30% |
| 4 | 9 | 2.8 | 60 | 4.39 | 69.9 | 264.6 | 263 | 329 | 46% |
| 6 | 14 | 4.2 | 60 | 3.87 | 28.1 | 106.4 | 232 | 290 | 32% |
| 7 | 16 | 4.9 | 60 | 3.50 | 0.0 | 0.0 | 210 | 263 | 0% |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array *Watts | Efficiency |
|-----|----------|------------|---------------|------------|----------|-------|-------------|--------------------|------------|
| 0 | 0 | 0.0 | 75 | 6.65 | 144.2 | 545.8 | 499 | 623 | 0% |
| 2 | 5 | 1.4 | 75 | 6.61 | 128.3 | 485.6 | 496 | 620 | 23% |
| 4 | 9 | 2.8 | 75 | 6.45 | 109.6 | 414.8 | 484 | 605 | 39% |
| 6 | 14 | 4.2 | 75 | 6.01 | 85.2 | 322.5 | 451 | 563 | 49% |
| 8 | 18 | 5.6 | 75 | 5.63 | 51.9 | 196.4 | 422 | 528 | 43% |
| 10 | 23 | 7.0 | 75 | 4.76 | 0.0 | 0.0 | 357 | 446 | 0% |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array *Watts | Efficiency |
|-----|----------|------------|---------------|------------|----------|-------|-------------|--------------------|------------|
| 0 | 0 | 0.0 | 90 | 8.69 | 170.0 | 643.5 | 782 | 978 | 0% |
| 2 | 5 | 1.4 | 90 | 8.68 | 156.4 | 592.0 | 781 | 977 | 17% |
| 4 | 9 | 2.8 | 90 | 8.62 | 141.9 | 537.1 | 776 | 970 | 32% |
| 6 | 14 | 4.2 | 90 | 8.42 | 125.2 | 473.9 | 758 | 947 | 43% |
| 8 | 18 | 5.6 | 90 | 7.95 | 105.5 | 399.3 | 716 | 894 | 51% |
| 10 | 23 | 7.0 | 90 | 7.60 | 81.4 | 308.1 | 684 | 855 | 52% |
| 12 | 28 | 8.5 | 90 | 7.16 | 47.9 | 181.3 | 644 | 806 | 39% |
| 14 | 32 | 9.9 | 90 | 6.20 | 0.0 | 0.0 | 558 | 698 | 0% |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array *Watts | Efficiency |
|------|----------|------------|---------------|------------|----------|-------|-------------|--------------------|------------|
| 0 | 0 | 0.0 | 105 | 10.85 | 193.4 | 732.0 | 1139 | 1424 | 0% |
| 2 | 5 | 1.4 | 105 | 10.84 | 181.2 | 685.8 | 1138 | 1423 | 14% |
| 4 | 9 | 2.8 | 105 | 10.81 | 167.9 | 635.5 | 1135 | 1419 | 26% |
| 6 | 14 | 4.2 | 105 | 10.75 | 154.1 | 583.3 | 1129 | 1411 | 36% |
| 8 | 18 | 5.6 | 105 | 10.52 | 138.5 | 524.2 | 1105 | 1381 | 44% |
| 10 | 23 | 7.0 | 105 | 10.11 | 121.5 | 459.9 | 1062 | 1327 | 50% |
| 12 | 28 | 8.5 | 105 | 9.53 | 102.8 | 389.1 | 1001 | 1251 | 54% |
| 14 | 32 | 9.9 | 105 | 9.41 | 77.8 | 294.5 | 988 | 1235 | 48% |
| 16 | 37 | 11.3 | 105 | 8.81 | 41.4 | 156.7 | 925 | 1156 | 31% |
| 17.5 | 40 | 12.3 | 105 | 7.77 | 0.0 | 0.0 | 816 | 1020 | 0% |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM | Motor Watts | Solar Array *Watts | Efficiency |
|-----|----------|------------|---------------|------------|----------|-------|-------------|--------------------|------------|
| 0 | 0 | 0.0 | 120 | 13.11 | 219.6 | 831.2 | 1573 | 1967 | 0% |
| 2 | 5 | 1.4 | 120 | 13.10 | 208.9 | 790.7 | 1572 | 1965 | 12% |
| 4 | 9 | 2.8 | 120 | 13.08 | 198.1 | 749.8 | 1570 | 1962 | 22% |
| 6 | 14 | 4.2 | 120 | 12.97 | 186.2 | 704.8 | 1556 | 1946 | 31% |
| 8 | 18 | 5.6 | 120 | 12.77 | 173.1 | 655.2 | 1532 | 1916 | 39% |
| 10 | 23 | 7.0 | 120 | 12.56 | 158.8 | 601.1 | 1507 | 1884 | 46% |
| 12 | 28 | 8.5 | 120 | 12.06 | 142.9 | 540.9 | 1447 | 1809 | 52% |
| 14 | 32 | 9.9 | 120 | 11.65 | 125.2 | 473.9 | 1398 | 1748 | 55% |
| 16 | 37 | 11.3 | 120 | 11.31 | 105.0 | 397.4 | 1357 | 1697 | 54% |
| 18 | 42 | 12.7 | 120 | 11.02 | 80.8 | 305.8 | 1322 | 1653 | 48% |
| 20 | 46 | 14.1 | 120 | 10.53 | 47.9 | 181.3 | 1264 | 1580 | 33% |
| 22 | 51 | 15.5 | 120 | 9.28 | 0.0 | 0.0 | 1114 | 1392 | 0% |

* Solar Array watts using a 20% deration factor.