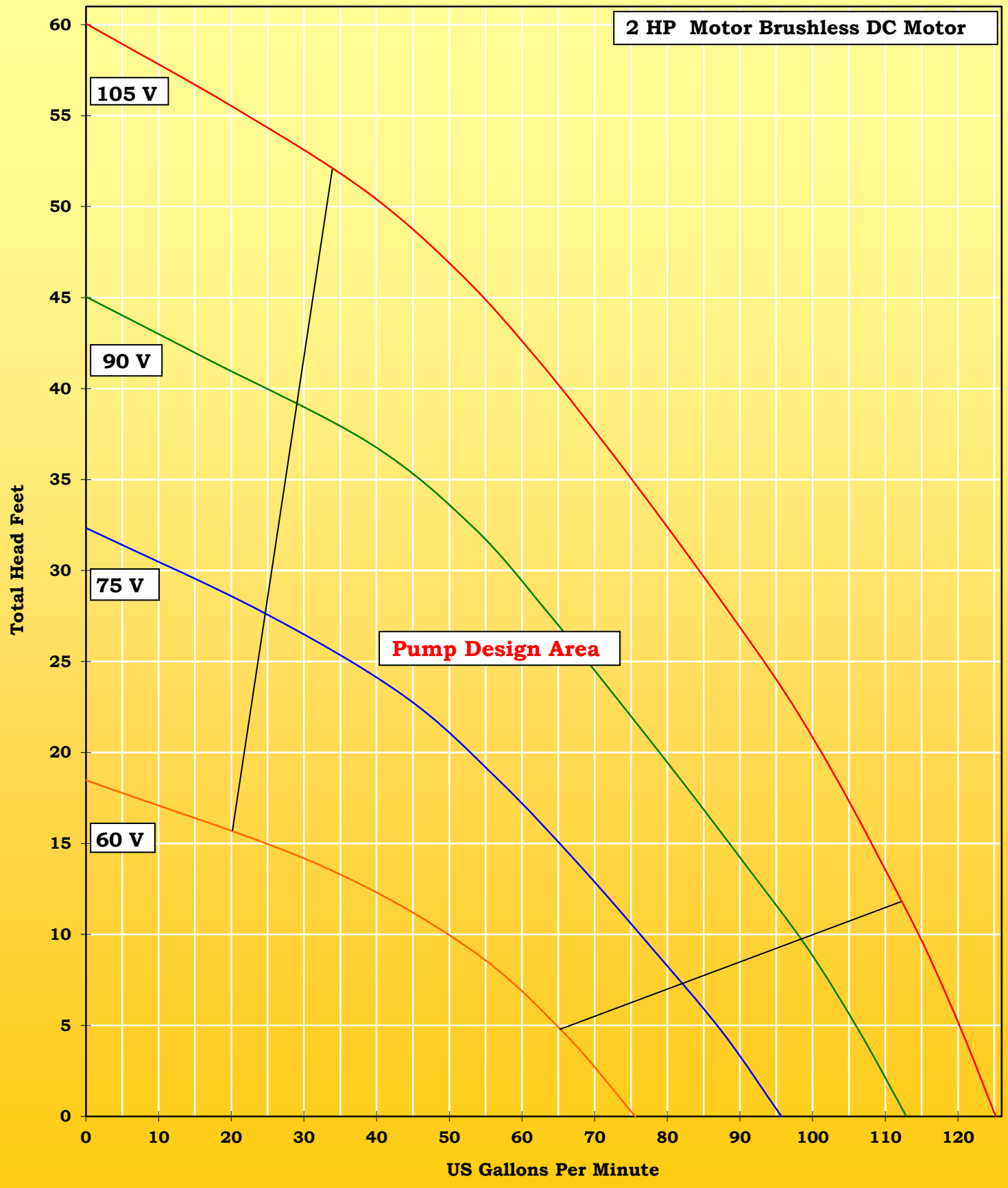


SunPumps Centrifugal Pool Pumps Model SCP 62-42-105 BC



SunPumps Centrifugal Pool Pumps

Model SCP 62-42-105 BC

2 HP Brushless DC Motor

| 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 | 4.63 | 76 | 286 | 278 | 347 | 0% |
| 2 | 5 | 1.4 | 60 | 4.80 | 66 | 249 | 288 | 360 | 20% |
| 4 | 9 | 2.8 | 60 | 4.76 | 53 | 199 | 286 | 357 | 32% |
| 6 | 14 | 4.2 | 60 | 4.44 | 32 | 121 | 266 | 333 | 31% |
| 8 | 18 | 5.6 | 60 | 2.98 | 0 | 0 | 179 | 224 | 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 | 6.55 | 96 | 362 | 491 | 614 | 0% |
| 2 | 5 | 1.4 | 75 | 6.70 | 88 | 332 | 503 | 628 | 15% |
| 4 | 9 | 2.8 | 75 | 6.75 | 78 | 295 | 506 | 633 | 27% |
| 6 | 14 | 4.2 | 75 | 6.73 | 68 | 257 | 505 | 631 | 35% |
| 8 | 18 | 5.6 | 75 | 6.59 | 57 | 215 | 494 | 618 | 40% |
| 10 | 23 | 7.0 | 75 | 6.15 | 44 | 166 | 461 | 577 | 41% |
| 12 | 28 | 8.5 | 75 | 5.25 | 24 | 92 | 394 | 492 | 32% |
| 14 | 32 | 9.9 | 75 | 3.55 | 0 | 0 | 266 | 333 | 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 | 8.65 | 113 | 427 | 779 | 973 | 0% |
| 2 | 5 | 1.4 | 90 | 8.70 | 107 | 403 | 783 | 979 | 12% |
| 4 | 9 | 2.8 | 90 | 8.80 | 99 | 376 | 792 | 990 | 22% |
| 6 | 14 | 4.2 | 90 | 8.85 | 91 | 343 | 797 | 996 | 30% |
| 8 | 18 | 5.6 | 90 | 8.85 | 82 | 310 | 797 | 996 | 36% |
| 10 | 23 | 7.0 | 90 | 8.71 | 73 | 276 | 784 | 980 | 40% |
| 12 | 28 | 8.5 | 90 | 8.45 | 64 | 240 | 761 | 951 | 44% |
| 14 | 32 | 9.9 | 90 | 8.06 | 53 | 202 | 725 | 907 | 45% |
| 16 | 37 | 11.3 | 90 | 7.45 | 39 | 148 | 671 | 838 | 41% |
| 18 | 42 | 12.7 | 90 | 6.13 | 17 | 64 | 552 | 690 | 24% |
| 19.5 | 45 | 13.7 | 90 | 4.65 | 0 | 0 | 419 | 523 | 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 | 11.08 | 125 | 474 | 1163 | 1454 | 0% |
| 2 | 5 | 1.4 | 105 | 11.10 | 121 | 456 | 1166 | 1457 | 9% |
| 4 | 9 | 2.8 | 105 | 11.13 | 116 | 437 | 1169 | 1461 | 17% |
| 6 | 14 | 4.2 | 105 | 11.15 | 110 | 415 | 1171 | 1463 | 24% |
| 8 | 18 | 5.6 | 105 | 11.20 | 103 | 391 | 1176 | 1470 | 31% |
| 10 | 23 | 7.0 | 105 | 11.20 | 97 | 365 | 1176 | 1470 | 36% |
| 12 | 28 | 8.5 | 105 | 11.07 | 89 | 335 | 1162 | 1453 | 40% |
| 14 | 32 | 9.9 | 105 | 10.91 | 80 | 303 | 1146 | 1432 | 43% |
| 16 | 37 | 11.3 | 105 | 10.61 | 71 | 270 | 1114 | 1393 | 45% |
| 18 | 42 | 12.7 | 105 | 10.24 | 62 | 235 | 1075 | 1344 | 45% |
| 20 | 46 | 14.1 | 105 | 9.81 | 52 | 196 | 1030 | 1288 | 44% |
| 22 | 51 | 15.5 | 105 | 9.04 | 39 | 146 | 949 | 1187 | 39% |
| 24 | 55 | 16.9 | 105 | 7.66 | 20 | 77 | 804 | 1005 | 26% |
| 26 | 60 | 18.3 | 105 | 6.03 | 0 | 0 | 633 | 791 | 0% |

* Using a 20% deration factor.