

# Multi-Stage Centrifugal Booster Pump Model SCB 11-80P-48BL

48 Volt Battery System



# Multi-Stage Centrifugal Pressure Pump

## Model SCB 11-80P-48BL

### 48 Volt Battery System

10 Stages

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM  | Motor Watts | System Efficiency |
|-----|----------|------------|---------------|------------|----------|------|-------------|-------------------|
| 0   | 0        | 0.0        | 48            | 18.1       | 18.4     | 69.7 | 867         | 0%                |
| 10  | 23       | 7.0        | 48            | 18.3       | 17.6     | 66.5 | 880         | 9%                |
| 20  | 46       | 14.1       | 48            | 18.5       | 16.7     | 63.1 | 887         | 16%               |
| 30  | 69       | 21.1       | 48            | 18.7       | 15.7     | 59.5 | 896         | 23%               |
| 40  | 92       | 28.2       | 48            | 18.7       | 14.7     | 55.6 | 896         | 29%               |
| 50  | 116      | 35.2       | 48            | 18.8       | 13.7     | 51.7 | 903         | 33%               |
| 60  | 139      | 42.3       | 48            | 18.9       | 12.5     | 47.4 | 908         | 36%               |
| 70  | 162      | 49.3       | 48            | 18.9       | 11.3     | 42.7 | 908         | 38%               |
| 80  | 185      | 56.3       | 48            | 18.8       | 10.0     | 37.7 | 904         | 38%               |
| 90  | 208      | 63.4       | 48            | 18.4       | 8.3      | 31.5 | 883         | 37%               |
| 100 | 231      | 70.4       | 48            | 17.6       | 6.6      | 24.8 | 847         | 34%               |
| 110 | 254      | 77.5       | 48            | 16.3       | 4.6      | 17.2 | 780         | 28%               |
| 120 | 277      | 84.5       | 48            | 14.2       | 2.0      | 7.6  | 680         | 15%               |
| 126 | 291      | 88.7       | 48            | 12.7       | 0.0      | 0.0  | 611         | 0%                |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM  | Motor Watts | System Efficiency |
|-----|----------|------------|---------------|------------|----------|------|-------------|-------------------|
| 0   | 0        | 0.0        | 50            | 19.3       | 19.1     | 72.4 | 963         | 0%                |
| 10  | 23       | 7.0        | 50            | 19.5       | 18.3     | 69.4 | 973         | 8%                |
| 20  | 46       | 14.1       | 50            | 19.7       | 17.4     | 65.9 | 985         | 15%               |
| 30  | 69       | 21.1       | 50            | 19.8       | 16.5     | 62.5 | 992         | 22%               |
| 40  | 92       | 28.2       | 50            | 19.9       | 15.5     | 58.7 | 993         | 27%               |
| 50  | 116      | 35.2       | 50            | 20.0       | 14.5     | 55.0 | 1001        | 32%               |
| 60  | 139      | 42.3       | 50            | 20.2       | 13.5     | 51.1 | 1008        | 35%               |
| 70  | 162      | 49.3       | 50            | 20.2       | 12.3     | 46.6 | 1010        | 37%               |
| 80  | 185      | 56.3       | 50            | 20.2       | 11.1     | 41.8 | 1008        | 38%               |
| 90  | 208      | 63.4       | 50            | 19.8       | 9.6      | 36.3 | 990         | 38%               |
| 100 | 231      | 70.4       | 50            | 19.4       | 8.0      | 30.4 | 968         | 36%               |
| 110 | 254      | 77.5       | 50            | 18.4       | 6.2      | 23.5 | 920         | 32%               |
| 120 | 277      | 84.5       | 50            | 17.0       | 4.0      | 15.1 | 851         | 25%               |
| 130 | 300      | 91.6       | 50            | 14.8       | 1.5      | 5.6  | 739         | 11%               |
| 135 | 312      | 95.1       | 50            | 13.6       | 0.0      | 0.0  | 678         | 0%                |

| PSI | TDH Feet | TDH Meters | Motor Voltage | Motor Amps | U.S. GPM | LPM  | Motor Watts | System Efficiency |
|-----|----------|------------|---------------|------------|----------|------|-------------|-------------------|
| 0   | 0        | 0.0        | 52            | 20.4       | 19.9     | 75.2 | 1062        | 0%                |
| 10  | 23       | 7.0        | 52            | 20.4       | 19.0     | 71.8 | 1061        | 8%                |
| 20  | 46       | 14.1       | 52            | 20.7       | 18.1     | 68.7 | 1078        | 15%               |
| 30  | 69       | 21.1       | 52            | 21.0       | 17.3     | 65.5 | 1093        | 21%               |
| 40  | 92       | 28.2       | 52            | 21.2       | 16.4     | 62.1 | 1104        | 26%               |
| 50  | 116      | 35.2       | 52            | 21.4       | 15.5     | 58.6 | 1111        | 30%               |
| 60  | 139      | 42.3       | 52            | 21.5       | 14.5     | 54.8 | 1120        | 34%               |
| 70  | 162      | 49.3       | 52            | 21.6       | 13.4     | 50.8 | 1122        | 36%               |
| 80  | 185      | 56.3       | 52            | 21.6       | 12.3     | 46.4 | 1124        | 38%               |
| 90  | 208      | 63.4       | 52            | 21.5       | 11.0     | 41.6 | 1115        | 39%               |
| 100 | 231      | 70.4       | 52            | 21.0       | 9.5      | 36.0 | 1093        | 38%               |
| 110 | 254      | 77.5       | 52            | 20.3       | 7.8      | 29.3 | 1055        | 35%               |
| 120 | 277      | 84.5       | 52            | 19.3       | 6.0      | 22.6 | 1004        | 31%               |
| 130 | 300      | 91.6       | 52            | 17.5       | 3.6      | 13.7 | 909         | 22%               |
| 143 | 330      | 100.7      | 52            | 14.2       | 0.0      | 0.0  | 737         | 0%                |