

# SC/SSC Small Submersible Deep Well Pump



### Application

For water supply from wells or reservoirs  
For domestic use, for civil and industrial applications  
For garden use and irrigation

### Operating Condition

Maximum fluid temperature up to +40°C  
Maximum sand content: 0.15%  
Minimum well diameter: Ø130mm

### Motor And Pump

Rewindable motor  
Equip with start control box or digital auto-control box  
It's available to equip with float switch  
Curve tolerance according to ISO 9906

### Options On Request

Special mechanical seal  
Other voltages or frequency 60Hz

### Model Definition

SC (M) 3 (N) (A)



with float switch  
built-in capacitor (outboard capacitor with no N marked)  
impeller quantity  
single phase (three phase with no M marked)  
model

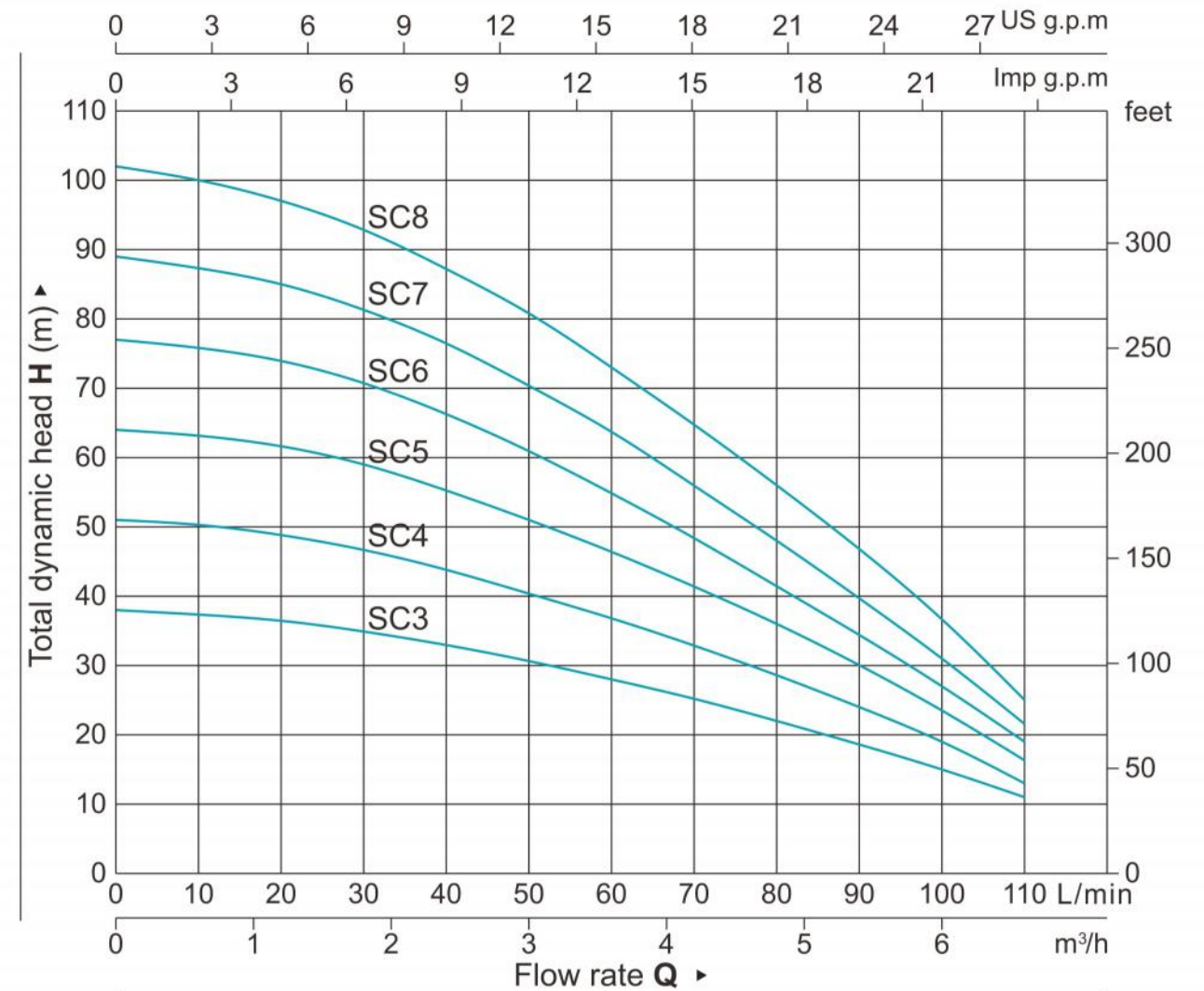
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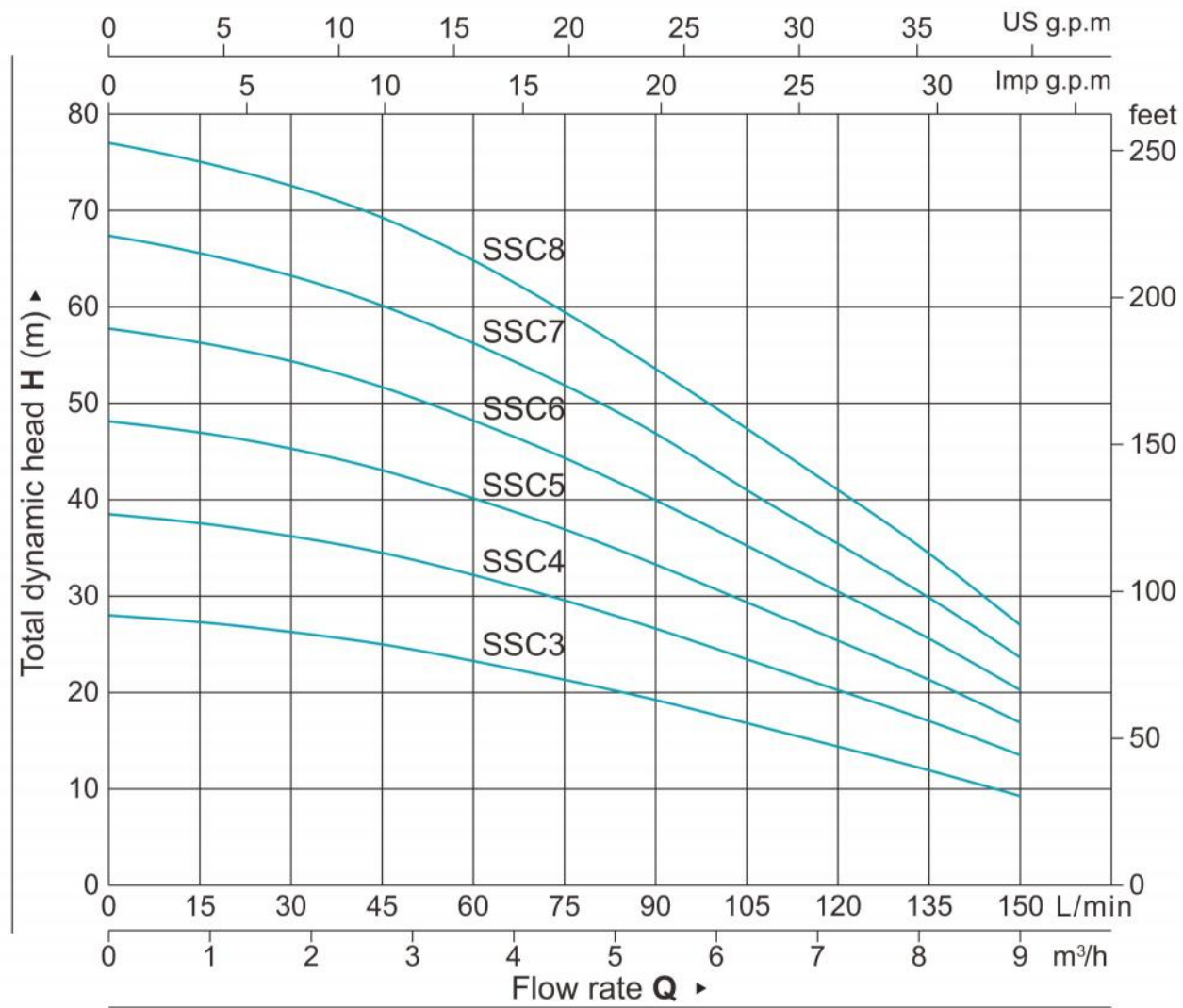
| Component | Materials  |       |
|-----------|------------|-------|
| SC        | Pump body  | SS304 |
|           | Motor case | SS304 |
|           | Impeller   | PPO   |
|           | Diffuser   | PPO   |
|           | Outlet     | SS304 |
|           | Shaft      | SS304 |

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| SSC       | Pump body  | SS304 |
|           | Motor case | SS304 |
|           | Impeller   | SS304 |
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### Performance Table

| Model      |            | P <sub>2</sub> |      | Delivery n=2850 |      |    |     |     |     |     |     |     |     |     |     |     |     |  |
|------------|------------|----------------|------|-----------------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 1~220-240V | 3~380-415V | kW             | HP   | Q               | H(m) |    |     |     |     |     |     |     |     |     |     |     |     |  |
|            |            |                |      |                 | m³/h | 0  | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 6.6 |  |
| SCM3       | SC3        | 0.55           | 0.75 | L/min           | 0    | 10 | 20  | 30  | 40  | 50  | 60  | 70  | 80  | 90  | 100 | 110 |     |  |
| SCM4       | SC4        | 0.75           | 1    | 38              | 37   | 36 | 35  | 33  | 30  | 28  | 25  | 22  | 19  | 15  | 11  |     |     |  |
| SCM5       | SC5        | 0.92           | 1.25 | 51              | 50   | 49 | 47  | 44  | 41  | 36  | 33  | 27  | 24  | 19  | 13  |     |     |  |
| SCM6       | SC6        | 1.1            | 1.5  | 64              | 62   | 61 | 59  | 55  | 51  | 47  | 42  | 36  | 31  | 24  | 17  |     |     |  |
| SCM7       | SC7        | 1.3            | 1.75 | 77              | 74   | 73 | 71  | 66  | 61  | 54  | 46  | 40  | 34  | 27  | 19  |     |     |  |
| SCM8       | SC8        | 1.5            | 2    | 89              | 87   | 85 | 82  | 77  | 71  | 63  | 55  | 48  | 40  | 31  | 21  |     |     |  |
|            |            |                |      | 102             | 99   | 97 | 94  | 88  | 81  | 73  | 64  | 56  | 47  | 38  | 26  |     |     |  |



**Performance Table**

| Model            |                  | P <sub>2</sub> |      | Delivery n≈2850       |    |     |     |     |     |     |     |     |     |     |     |  |
|------------------|------------------|----------------|------|-----------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 1~<br>220 - 240V | 3~<br>380 - 415V | kW             | HP   | Q                     | 0  | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.4 | 6.3 | 7.2 | 8.1 | 9.0 |  |
|                  |                  |                |      | $\frac{m^3/h}{L/min}$ | 0  | 15  | 30  | 45  | 60  | 75  | 90  | 105 | 120 | 135 | 150 |  |
| SSCM3            | SSC3             | 0.55           | 0.75 | H(m)                  | 29 | 28  | 27  | 26  | 24  | 22  | 20  | 17  | 15  | 13  | 10  |  |
| SSCM4            | SSC4             | 0.75           | 1    |                       | 38 | 38  | 36  | 34  | 32  | 30  | 26  | 23  | 20  | 17  | 14  |  |
| SSCM5            | SSC5             | 0.92           | 1.25 |                       | 48 | 47  | 45  | 43  | 40  | 37  | 33  | 29  | 25  | 21  | 17  |  |
| SSCM6            | SSC6             | 1.1            | 1.5  |                       | 58 | 56  | 54  | 52  | 48  | 44  | 40  | 35  | 30  | 25  | 20  |  |
| SSCM7            | SSC7             | 1.3            | 1.75 |                       | 67 | 66  | 63  | 60  | 56  | 52  | 46  | 41  | 35  | 29  | 24  |  |
| SSCM8            | SSC8             | 1.5            | 2    |                       | 77 | 75  | 72  | 69  | 64  | 59  | 53  | 46  | 40  | 34  | 27  |  |

