



# SE/SC/SV Series

**MIGHTY INDUSTRIAL STRENGTH PUMPS**

- Standard Vortex Wastewater (SV)•
- Standard Cutter (SC)•
- Standard Effluent (SE) •

## Features:

- Stainless Steel Motor Housing
- Overload and Thermal Protection
- High Efficiency Motor
- Highly Reliable Mechanical Seals
- Three Impeller options
- Long Running Bearings



**SE/SV/SC  
with Guardrail Option**



**SE/SV/SC  
Standard Freestanding**

| <u>Model</u> | <u>Type</u>    | <u>Output</u> | <u>Impeller</u>     | <u>Solids</u> |
|--------------|----------------|---------------|---------------------|---------------|
| SE           | Effluent Pumps | 4/10-2 HP     | Semi-Open           | 20-35MM       |
| SC           | Cutter Pumps   | 1/2-7.5 HP    | Semi-open/TC Cutter | 20MM          |
| SV           | Non-Clog Pumps | 1/2-7.5 HP    | Vortex              | 35-56MM       |

**SE**



**High Efficiency  
Effluent Impeller**

**SC**



**Tungsten Edge  
Cutter Impeller**



**Vortex Non-Clog  
Impeller**

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| PUMP                                    | TYPE              | OUTPUT |                      |           | DISCHARGE <sup>3</sup> | RATED          |              | CABLE LENGTH (FT.) |
|---|-------------------|--------|----------------------|-----------|------------------------|----------------|--------------|--------------------|
|   |                   | HP     | VOLTAGE <sup>4</sup> | AMPS      |                        | MAX HEAD (FT.) | MAX CAPACITY |                    |
| Auto-float <sup>1</sup><br>freestanding | Non-<br>automatic |        |                      |           |                        |                |              |                    |
| SE40A                                   | SE40              | 4/10   | 115                  | 5         | 2"                     | 22             | 64 GPM       | 16                 |
| SE50A                                   | SE (SC/SV)-50     | 1/2    | 115/230/460          | 8/4/2     | 2"                     | 37             | 74 GPM       | 16                 |
| SE100A                                  | SE (SC/SV)-100    | 1      | 115/230/460          | 14/7/3.5  | 2"                     | 50             | 110 GPM      | 33                 |
| SE200A                                  | SE (SC/SV)-200    | 2      | 115/230/460          | 21/10/5.5 | 2" (3")                | 55             | 72 GPM       | 33                 |
| N/A                                     | SC/SV-300         | 3      | 230/460              | 9/5.2     | 2" (4")                | 70             | 210 GPM      | 33                 |
| N/A                                     | SC/SV-500         | 5      | 230/460              | 15/8.6    | 2" (4")                | 80             | 280 GPM      | 33                 |
| N/A                                     | SC/SV-750         | 7.5    | 230/460              | 22.5/12.8 | 2" (4")                | 84             | 330 GPM      | 33                 |

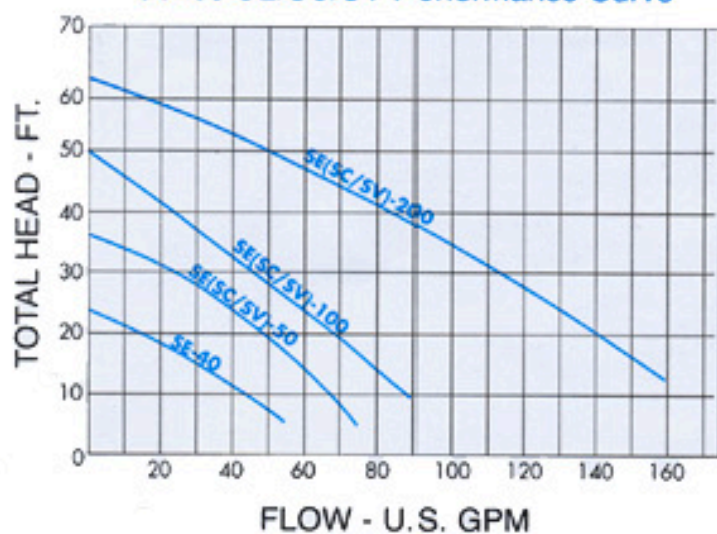
<sup>1</sup> Equipped with float switch for automatic function (single phase pumps only)

<sup>2</sup> Guiderail system must be ordered separately

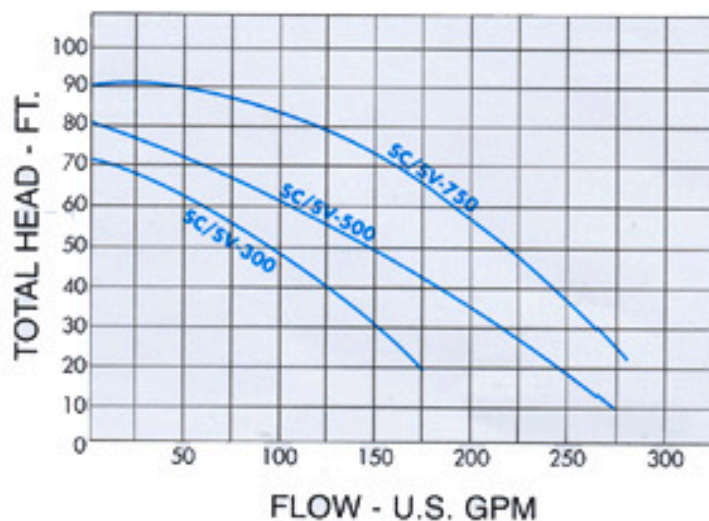
<sup>3</sup> Elbow with female threaded connection provided on free standing type

<sup>4</sup> 208V available as special order

Series SE/SC/SV Performance Curve



Series SC/SV Performance Curve



#### DIMENSION TABLE

| G/R TYPE | PUMP TYPE    | OUTPUT HP | DIMENSION (mm) |     |     |     |     |     |     |     |     |     |     |     |     |
|----------|--------------|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|          |              |           | A              | A1  | A2  | D   | D1  | D2  | H   | H1  | H2  | H3  | L   | W   | W1  |
| N/A      | Freestanding | 0.5       | 223            | 70  | 115 | 132 | 63  | 69  | 395 | 338 | 125 | 156 | -   | -   | -   |
| N/A      | Freestanding | 1         | 223            | 70  | 115 | 132 | 63  | 69  | 425 | 368 | 125 | 156 | -   | -   | -   |
| N/A      | Freestanding | 2         | 390            | 103 | 235 | 210 | 105 | 105 | 530 | 400 | 150 | 155 | -   | -   | -   |
| N/A      | Freestanding | 3         | 390            | 103 | 235 | 210 | 105 | 105 | 550 | 420 | 150 | 155 | -   | -   | -   |
| N/A      | Freestanding | 5         | 525            | 125 | 295 | 250 | 117 | 133 | 635 | 520 | 200 | 275 | -   | -   | -   |
| N/A      | Freestanding | 7.5       | 525            | 125 | 295 | 250 | 117 | 133 | 675 | 560 | 200 | 275 | -   | -   | -   |
| G/R 200  | Guiderail    | 1         | 475            | 80  | 300 | 165 | 77  | 78  | 490 | 390 | 190 | 267 | 150 | 180 | 100 |
| G/R 200  | Guiderail    | 2         | 550            | 103 | 350 | 210 | 105 | 105 | 600 | 470 | 216 | 360 | 150 | 180 | 100 |