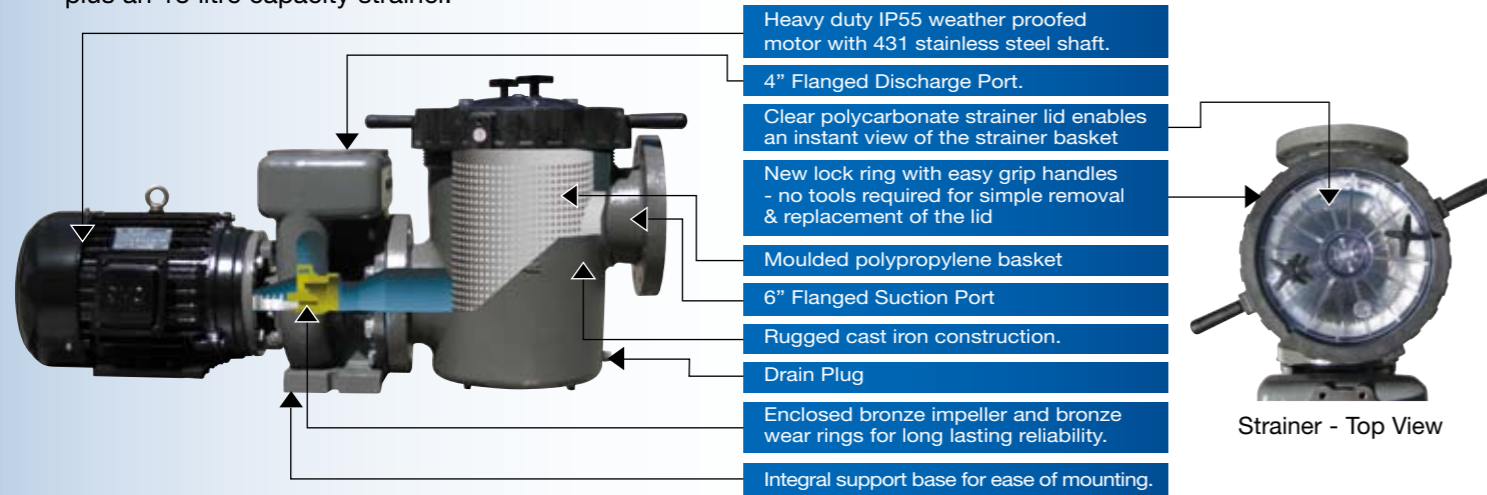


## Hydro 5000 Cast Iron Pump

The Hydro 5000 features a hydraulically efficient bronze impeller which allows for quiet operation and excellent flow plus an 18 litre capacity strainer.



Pump and strainer can be sold separately.

### Materials

| Part             | Materials   |
|------------------|---|
| Pump Bracket     | Cast Iron   |
| Pump Body Gasket | Neoprene  |
| Seal Assembly    | Alumina Ceramic/SS316/Carbon (Silicon Carbide optional) |
| Impeller         | Bronze  |
| Pump Housing     | Cast Iron   |
| Strainer Basket  | Polypropylene   |
| Strainer Lid     | Polycarbonate   |
| Lock Ring        | Noryl   |

### Electrical Specifications

| Pump Code | Model  | Motor Input (HP) | Motor Input (kW) | Amps/Phase | Phase | Volts   |
|-----------|--------|------------------|------------------|------------|-------|---------|
| 2409400   | 4.0kW  | 5.4              | 4.0              | 6.8        | 3     | 380-420 |
| 2409550   | 5.5kW  | 7.4              | 5.5              | 9.2        | 3     | 380-420 |
| 2409750   | 7.5kW  | 10.0             | 7.5              | 13.2       | 3     | 380-420 |
| 24091100  | 11.0kW | 14.7             | 11.0             | 21.5       | 3     | 380-420 |

### Technical Specifications

| Pump Code | Model  | Weight (kg) | Total Length (mm) | Motor Frame | Pump Rating | Motor RPM |
|-----------|--------|-------------|-------------------|-------------|-------------|-----------|
| 2409400   | 4.0kW  | 208         | 1060              | 112         | IPX5        | 2950      |
| 2409550   | 5.5kW  | 221         | 1124              | 132         | IPX5        | 2950      |
| 2409750   | 7.5kW  | 221         | 1162              | 132         | IPX5        | 2950      |
| 24091100  | 11.0kW | 279         | 1236              | 160         | IPX5        | 2950      |

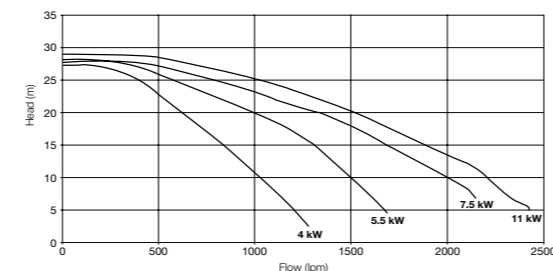
### Dimension (mm)

| Model         | A   | B   | D   | E   | F   | L    |
|---------------|-----|-----|-----|-----|-----|------|
| 4kW           | 260 | 180 | 112 | 95  | 140 | 1017 |
| 5.5kW & 7.5kW | 298 | 200 | 132 | 108 | 140 | 1070 |
| 11kW          | 325 | 220 | 160 | 127 | 210 | 1198 |

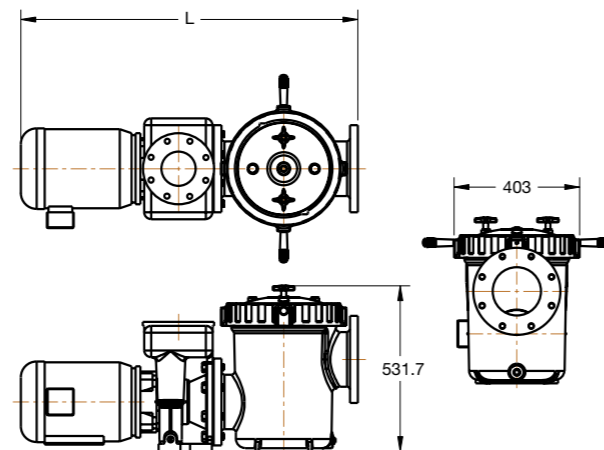
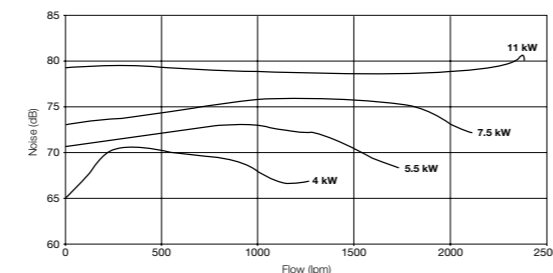
### Warranty

Waterco commercial pumps are covered by a comprehensive 1 year warranty for commercial installations.

### Flow Curves



### Sound Levels



# Waterco Commercial Pumps



Waterco commercial pumps incorporate the latest technology in design and construction to produce a high performance, energy saving pump ideal for any situation that demands maximum output.

### Hydrostar MKIII Pump

Purposed built for commercial sized swimming pools, Hydrostar MKIII pumps efficiently deliver high flow rates and incorporate an innovative quarter lid & lock ring assembly for easy maintenance.



### Hydrosteel Pump

Hydrosteel pumps are the first hybrid of its kind; the pre-strainer is constructed from glass filled thermoplastic, while its impeller and volute are constructed from 316 grade stainless steel.



### Hydro 5000 Cast Iron Pump

The Hydro 5000 Pump is a high performance, self-priming cast iron pump, designed for aquatic facilities, water parks and large commercial swimming pools.



### DISTRIBUTED BY:



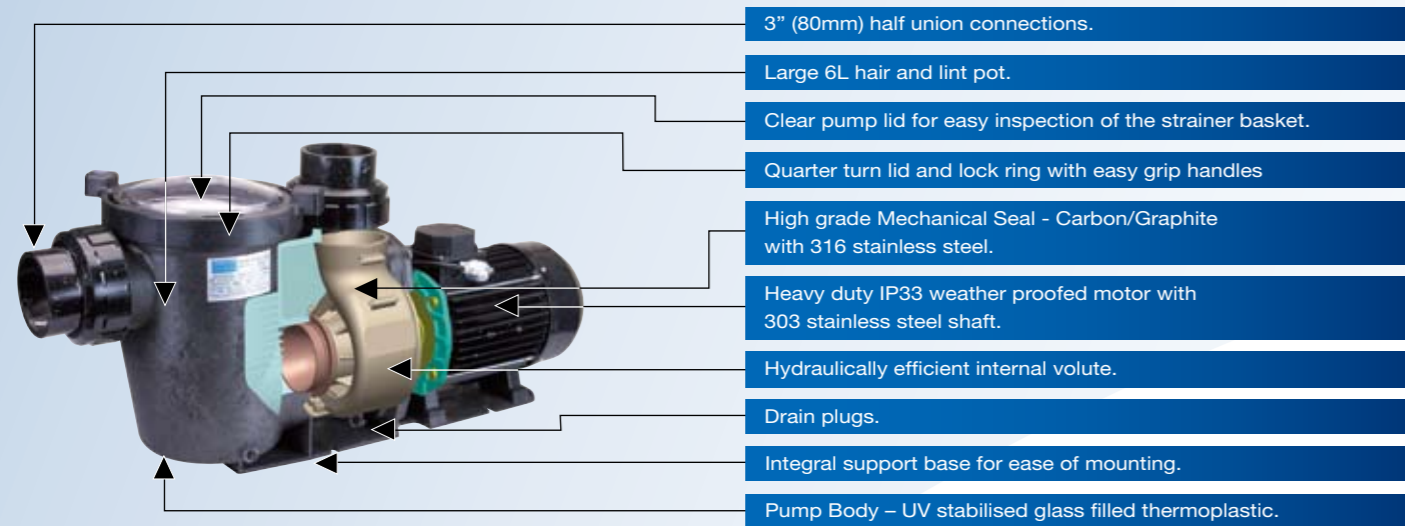
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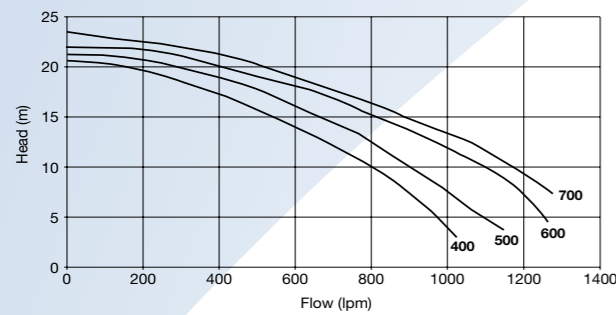
## Hydrostar MKIII

The pump body is manufactured utilising state of the art engineering plastic moulding with a single piece strainer pot and volute for extra strength. A high grade 316 stainless steel mechanical seal is incorporated for extra protection against corrosion. e.g. chlorinated water, ozone, iodine, Baquacil, bromine and saltwater.

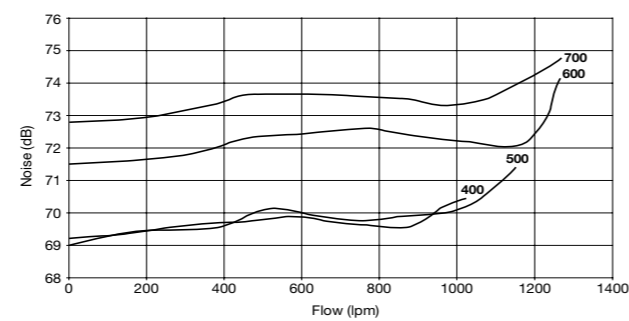


The Hydrostar MKIII has been redesigned to provide a substantially quieter operation with even higher flow rates and higher head than the previous Hydrostar models. Waterco has improved the hydraulic efficiency of the pump with the introduction of an internal volute. The volute's hydraulic design provides a natural balanced water flow and reduces hydraulic turbulence.

### Flow Curves



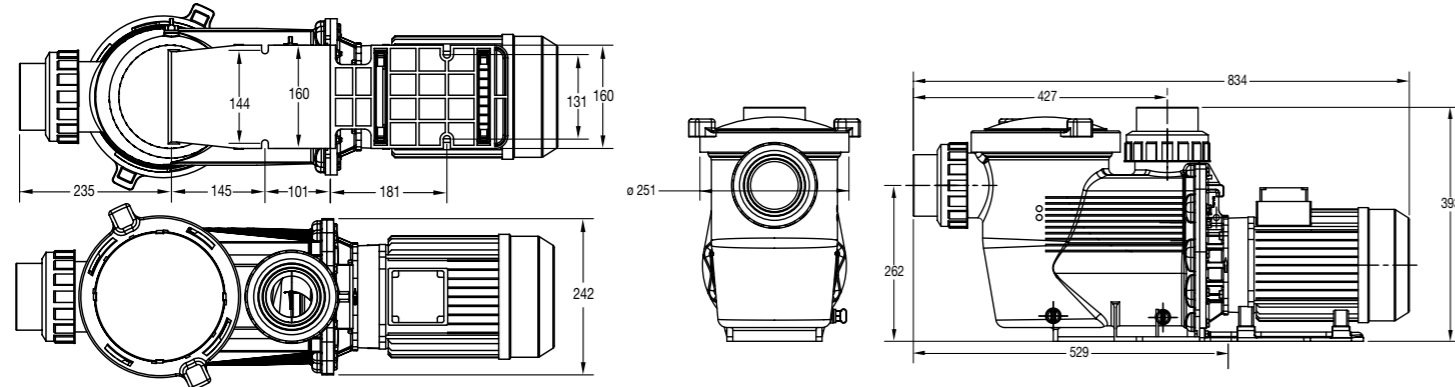
### Sound Levels



### Technical Specifications

| Pump Code | Model   | Nominal Power (HP) | Input Power (kW) | Amps/Phase | Weight (kg) | Total Length (mm) | Motor Frame |
|-----------|---------|--------------------|------------------|------------|-------------|-------------------|-------------|
| 240440033 | 400 MK3 | 4.0                | 2.92             | 5.2        | 44.0        | 939               | 100         |
| 240450033 | 500 MK3 | 5.0                | 3.16             | 5.8        | 44.0        | 939               | 100         |
| 240460033 | 600 MK3 | 6.0                | 4.36             | 7.0        | 48.5        | 939               | 100         |
| 240470033 | 700 MK3 | 7.0                | 5.18             | 8.2        | 48.5        | 939               | 112         |

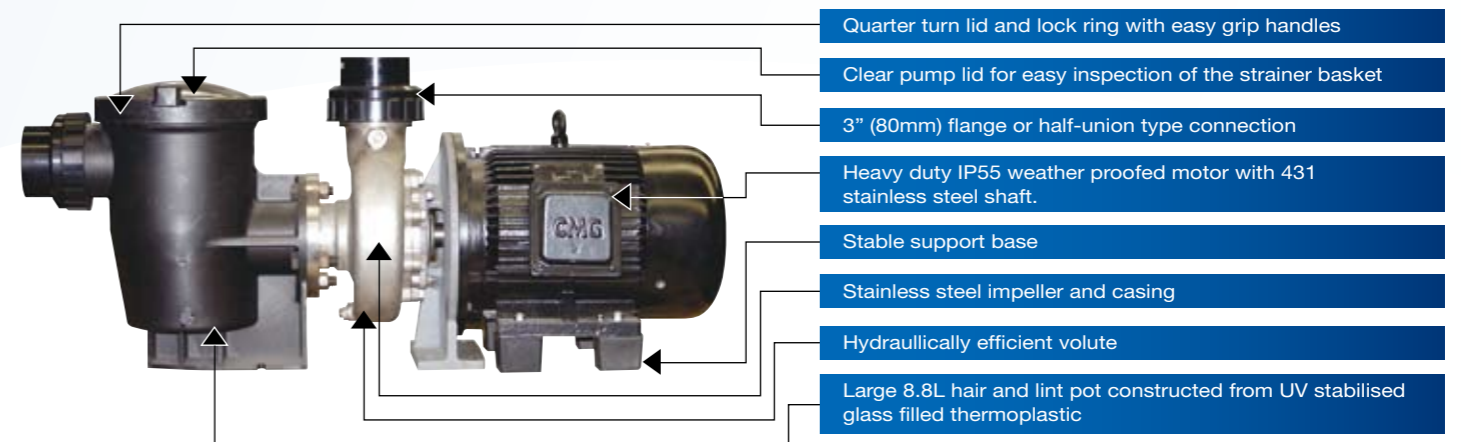
| Phase | Volts   | Cycle | RPM  | Pump Rating |
|-------|---------|-------|------|-------------|
| 3     | 380-420 | 50    | 2900 | IP55        |



## Hydrosteel Pump

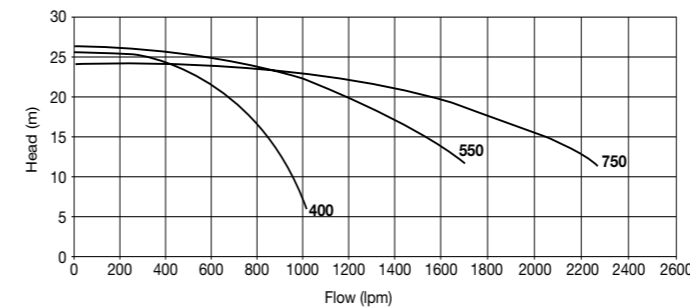
Hydrosteel pumps are the first hybrid of its kind; the pre-strainer is constructed from glass filled thermoplastic, while its impeller and volute are constructed from 316 grade stainless steel, ensuring a high level of durability in corrosive environments.

The pump's volute is hydraulically designed to allow for a natural balanced flow of water and minimise hydraulic turbulence. The result is a highly efficient pump with a low operating noise.

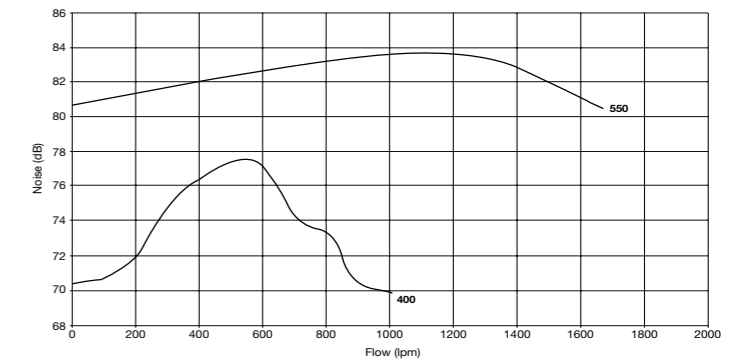


A Silicon Carbide mechanical seal is available – if required for saltwater or other corrosive applications.

### Flow Curves



### Sound Levels



Sound level for 7.5kW not available at time of release of this brochure

### Technical Specifications

| Pump Code | Model | Motor Input (HP) | Motor Input (kW) | Amps/Phase | Weight (kg) | Total Length (mm) | Motor Frame |
|-----------|-------|------------------|------------------|------------|-------------|-------------------|-------------|
| 2408400   | 400F  | 4.9              | 3.65             | 5.5        | 75          | 946               | 112         |
| 2408401   | 400S  | 4.9              | 3.65             | 5.5        | 75          | 946               | 112         |
| 2408550   | 550F  | 9.1              | 6.81             | 10.3       | 101         | 1011              | 132         |
| 2408551   | 550S  | 9.1              | 6.81             | 10.3       | 101         | 1011              | 132         |
| 2408753   | 750F  | 10.0             | 8.52             | 12.9       | 110         | 650               | 132         |

| Phase | Volts   | Cycle | RPM  | Pump Rating |
|-------|---------|-------|------|-------------|
| 3     | 380-420 | 50    | 2900 | IP55        |

### Dimension (mm)

| Model | A    | B   | C   | D   | E   | F   | G   | H   | I   |
|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 400   | 946  | 606 | 496 | 406 | 224 | 389 | 274 | 160 | 350 |
| 550   | 1011 | 616 | 506 | 406 | 224 | 414 | 299 | 185 | 360 |
| 750   | 1240 | 815 | 710 | 595 | 338 | 550 | 315 | 185 | 380 |

