

## High Flow Drainer Pump

### Features

- High flow & high efficiency
- Indefinite dry running
- Selprime automatic self priming
- Environmentally friendly
- Emission compliant engines
- Ease of operation & maintenance
- Robust construction

### Options

- Super Silent canopy - lockable and fully bunded
- Site chassis
- Static chassis
- Chalwyn valve spark arrester

### Accessories

- Hoses
- Strainers
- Couplings & adaptors
- Fuel bowsers & cubes
- Settlement tanks
- Drip Tray & bunds
- Recommended spares kits

### Applications

- Clean water
- Water with fine solids
- Water with larger solids
- Screened sewage

### Industries

- Construction & civil engineering
- Water & waste water
- Quarry & mining
- Municipality
- Rental
- Ground stabilisation and piling
- Marine
- Industrial
- Leisure boat
- Pollution control



### Specification

|                               |                   |                |
|-------------------------------|-------------------|----------------|
| Capacity                      | m <sup>3</sup> /h | <b>60</b>      |
| Delivery Head                 | m                 | <b>23.5</b>    |
| Max. Solids Size              | mm                | <b>29</b>      |
| Self Priming Lift             | m                 | <b>8.8</b>     |
| Air Handling                  | l/s               | <b>4.25</b>    |
| Selprime <sub>®</sub> Absorbs | kW                | <b>0.9</b>     |
| Power Required                | kW                | <b>3.8</b>     |
| Pump Speed Max.               | rpm               | <b>2000</b>    |
| Pump Speed Min.               | rpm               | <b>1000</b>    |
| Impeller Type                 |                   | <b>Drainer</b> |
| Impeller Blades               |                   | <b>2</b>       |
| Impeller Dia.                 | mm                | <b>180</b>     |
| Inlet Port                    | mm                | <b>75</b>      |
| Outlet Port                   | mm                | <b>75</b>      |
| Fuel Tank Capacity*           | ltrs              | <b>21</b>      |
| Fuel Consumption BEP          | lt/hr             | <b>TBA</b>     |

TBA - To be advised.

### Priming Method



The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.

### Pump Materials

|                   |  |
|-------------------|--|
| Pump Casing       | Grey Iron BSEN 1561<br>Grade EN-GJL-250    |
| Impeller          | Cast Iron BSEN 1563<br>Grade EN-GJS-450-10 |
| Wear Plate        | Cast Iron BSEN 1563<br>Grade EN-GJS-450-10 |
| Shaft             | Steel BS970<br>Grade 212M36/212M44         |
| NRV Body          | Cast Iron BSEN 1563<br>Grade EN-GJS-450-10 |
| Mechanical Seal   | Silicon Carbide<br>Silicon Carbide         |
| Pump End Bearing  | Cylindrical Roller                         |
| Drive End Bearing | Ball                                       |

### Prime Movers

|                                |                          |
|--------------------------------|--------------------------|
| Engine Options                 | Hatz ID41Z<br>Isuzu 2CA1 |
| Electric motors also available |                          |

### Weights & Measures

|                        |                  |           |
|------------------------|------------------|-----------|
| 2 Wheeled<br>Open Set* | Length           | 144cm     |
|                        | Width            | 72cm      |
|                        | Height           | 103cm     |
|                        | Dry Weight       | 252kg     |
| Super Silent<br>Canopy | Length           | 192 cm    |
|                        | Width            | 107 cm    |
|                        | Height           | 152 cm    |
|                        | Dry Weight       | 932 kg    |
|                        | db(A)@ 7m<br>LWA | TBA<br>87 |

\* Open sets exclude fittings

Specifications and illustrations are subject to revision without notice.