

# GSP05/10 Sub-Prime® Electric Submersible Pumps

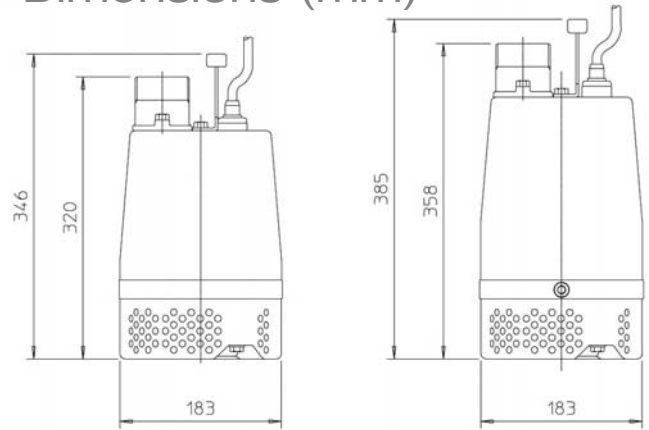
The GSP Sub-Prime line is a selection of portable, electric submersible dewatering pumps available for a wide range of pumping applications for construction, industrial, mining and utilities etc.

Available in 0.4 kW (GSP05) and 0.75 kW (GSP10) models, the GSP Sub-prime offers flow rates from 13 through 18 m<sup>3</sup>/hr and maximum heads from 11 – 15 Metres.

Compact design allows these versatile units to go where other pumps simply would not fit. An optional starter panel and float switch can be supplied as a cost effective choice for applications requiring automatic operation.



## Dimensions (mm)



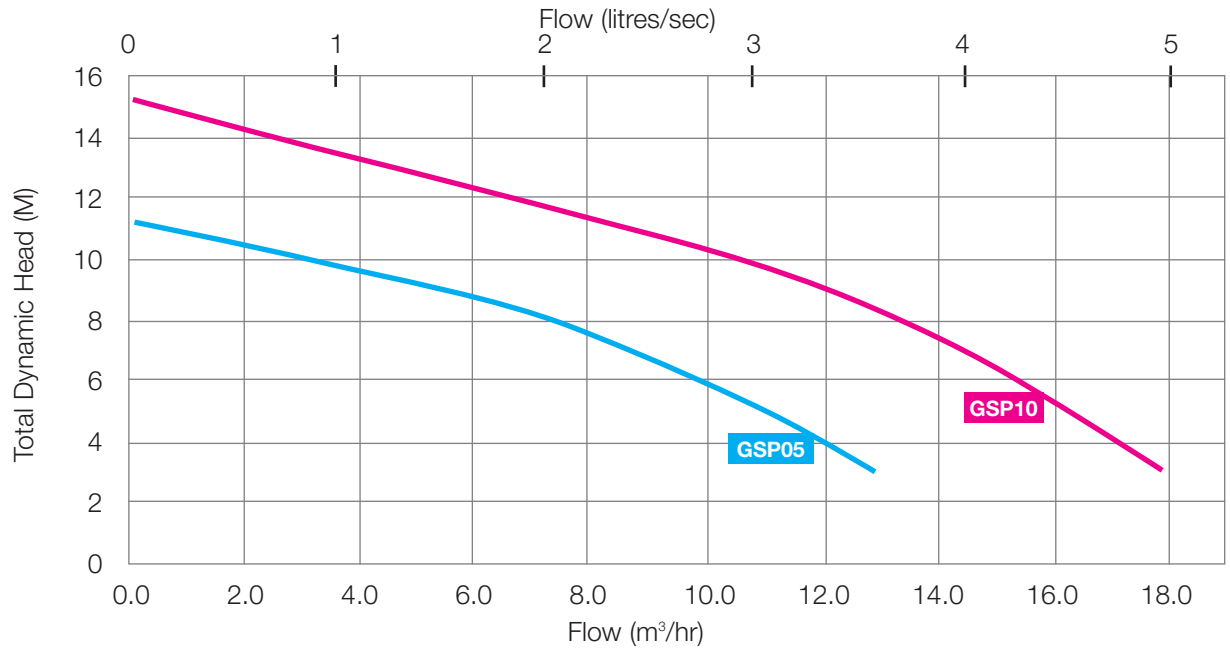
## Features

|                                                                                   |
|-----------------------------------------------------------------------------------|
| • Dry running capabilities                                                        |
| • No control panel required                                                       |
| • Portable, lightweight, durable                                                  |
| • Slim line top discharge design                                                  |
| • Non-wicking cable with strain relief                                            |
| • High-torque, capacitor-start motor                                              |
| • Motor thermal overload protection                                               |
| • Outerjacket for continuous cooling of motor                                     |
| • Silicon carbide upper and lower mechanical seal                                 |
| • Triple seals - internal upper and lower mechanical seals and external lip seals |
| • Maximum submergence 5 metres                                                    |

## Specifications

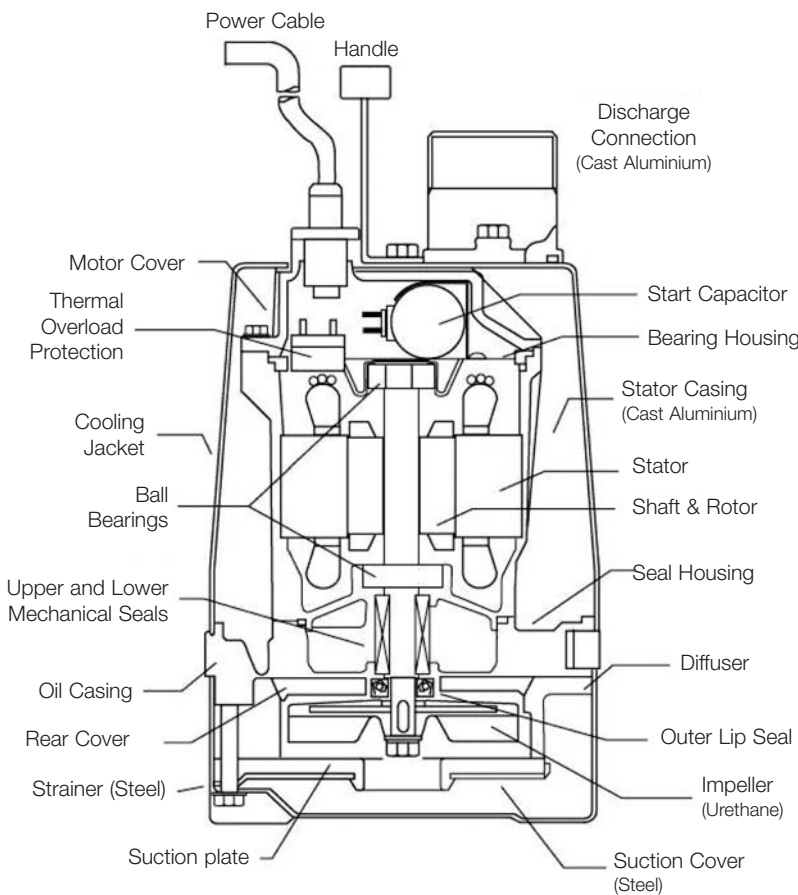
| (Model)                        | GSP05   | GSP10    |
|--------------------------------|---------|----------|
| Motor Power (kW)               | 0.4     | 0.75     |
| Max. Flow (m <sup>3</sup> /hr) | 13.0    | 18.0     |
| Max. Head (m)                  | 11.2    | 15.2     |
| Discharge Connection           | 2" BSP  | 2" BSP   |
| RPM                            | 2900    | 2900     |
| Max. Fluid Temp (°C)           | 32      | 32       |
| PH range                       | 6.5-8.0 | 6.5-8.0  |
| Voltage                        | 110,230 | 110,230  |
| Amps                           | 6.0,2.9 | 10.0,5.6 |
| Phase                          | 1       | 1        |
| Cable length (m)               | 10      | 15       |
| Solids handling (mm)           | 9       | 9        |
| Height (mm)                    | 325     | 358      |
| Width (mm)                     | 183     | 183      |
| Weight (kg)                    | 9       | 13       |

# GSP05/10 Sub-Prime® Performance Curves



Warning: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids

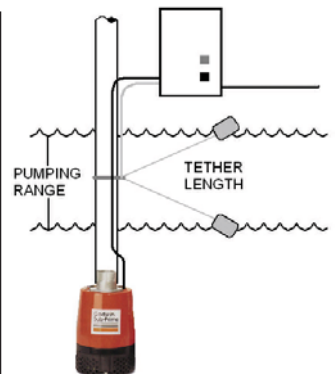
## Design & Construction



## Float Switch

Optional Float switches available for automatic, remote activation of Sub-Prime pumps. Package consists of 10m/15m power cord with Starter panel, variable length float tether, and sealed float. Typical configuration shown in the following.

| Tether Length (mm) | Pumping Range (mm) |
|--------------------|--------------------|
| 89                 | 165                |
| 127                | 191                |
| 178                | 216                |
| 229                | 254                |
| 279                | 279                |
| 330                | 318                |
| 381                | 343                |



Pumping range based on operation in non-turbulent conditions. Actual range may vary due to temperature conditions and cord shape. Tether length increases variance of pumping range.

Specification and illustrations subject to revision without notice. All information is approximate and for general guidance. Sub-Prime and the colour orange for pumps are registered trademarks of Godwin Pumps of America, Inc.

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Assessed to ISO 9001:2000  
Certificate No. 224

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