

# GSL80 Sub-Prime® Electric Submersible Sludge Pumps

The range of Godwin Sub-Prime GSL electric submersible pumps has been designed for sludge applications. The GSL80 model is capable of maximum flow rates from 28 to 124 m<sup>3</sup>/hr and discharge heads from 9 to 42 metres. Like other models in the Sub-Prime range, the reliable GSL80 is suitable for tough construction jobs, quarrying, mining and industrial applications. The design features a side discharge that handles solids up to 81mm in diameter, and rugged construction for long life, specifically a chromium-alloy white cast iron vortex impeller and heavy duty polyurethane lined volute. The units also include a double mechanical seal for dry running and extra protection against leakage.



## Features

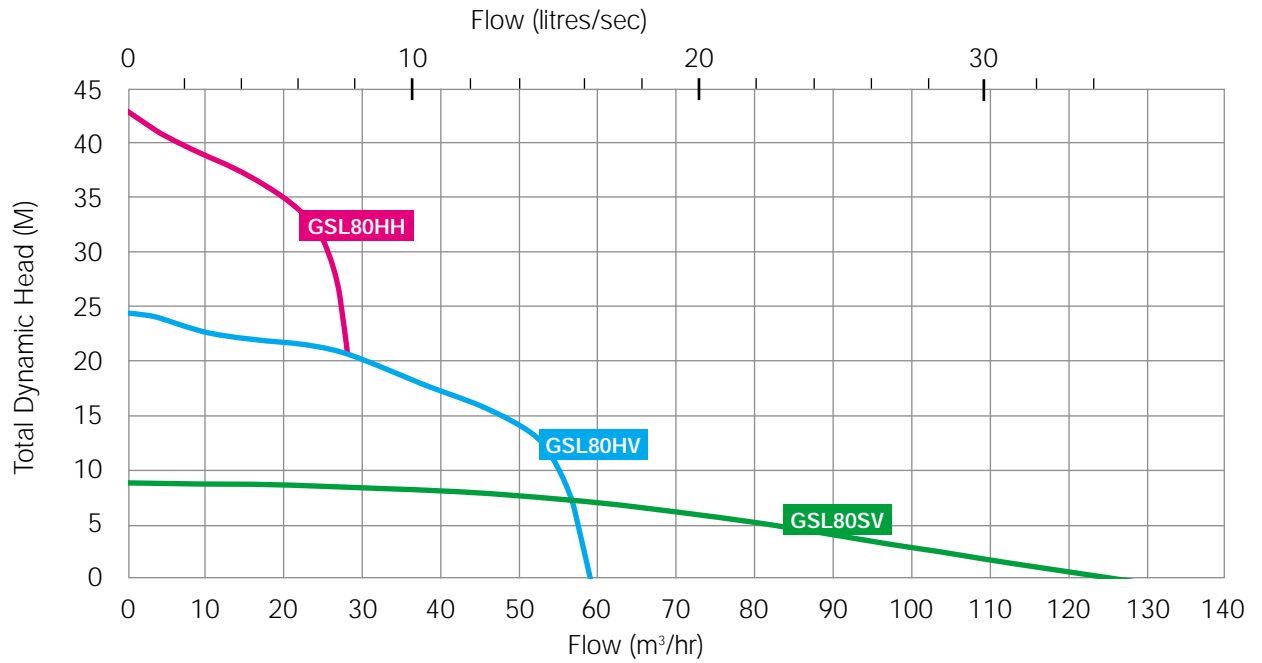
- Side discharge design handles solids up to 81mm in diameter
- Terminal junction chamber
- High performance submersible motor with thermal protection
- Oversized, heavy duty bearings
- Double mechanical seals, with silicon carbide on silicon carbide interfaces on the primary seal
- Chromium-alloy white cast iron vortex impeller and heavy duty polyurethane lined volute (replaceable liner)
- Lightweight aluminium and corrosion resistant stainless steel cooling jacket
- Dry running capabilities
- Power cables to suit application
- Option of manual or automatic control panels

## Specifications

(Model)	HV	SV	HH
Motor Power (kW)	6.5	5.1	7.2
Max. Flow (m <sup>3</sup> /hr)	59	124	28
Max. Head (m)	24	9	42
Discharge Connection	3" BSP	4" BSP	3" BSP
Speed (RPM)	2800	1450	2800
Max. Temp (°C)	40	40	40
pH Range	5 - 8	5 - 8	5 - 8
Voltage	400	400	400
Phase	3	3	3
Amperage	12	9	12
Weight (kg)	55	55	55
Solids Handling	50mm	81mm	33mm
Max. Submergence	20m	20m	20m

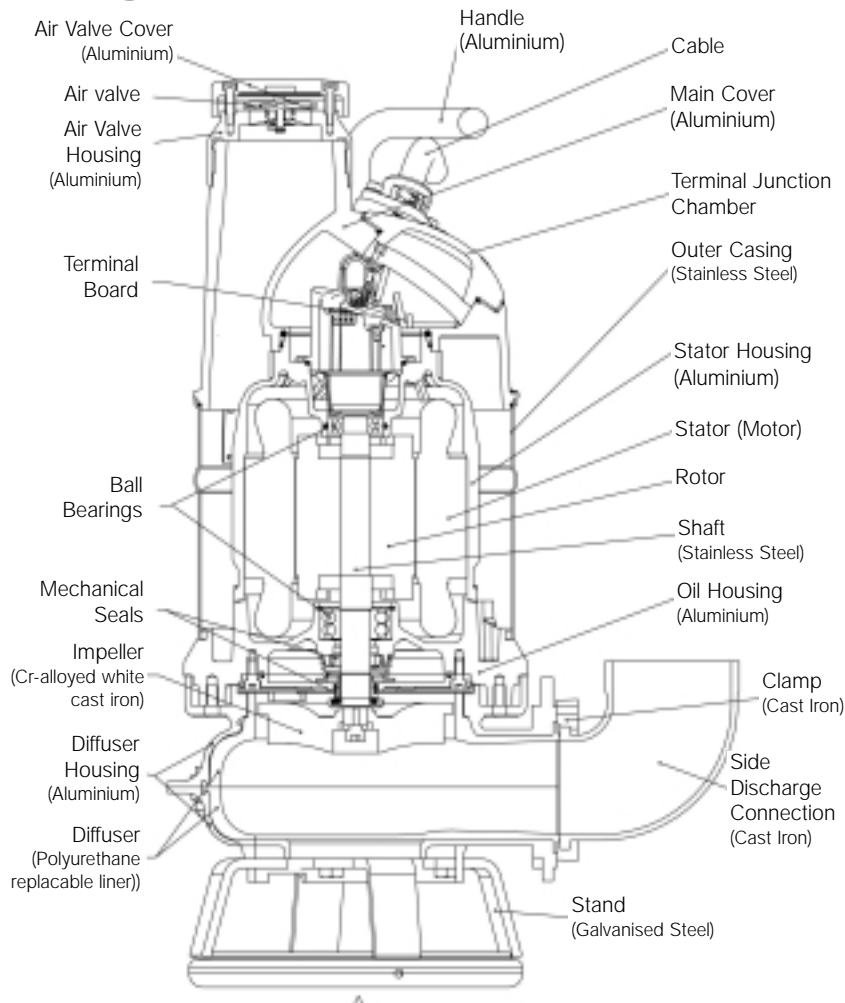
HV = High Volume  
SV = Super High Volume  
HH = High Head

# GSL80 Sub-Prime® Performance Curves

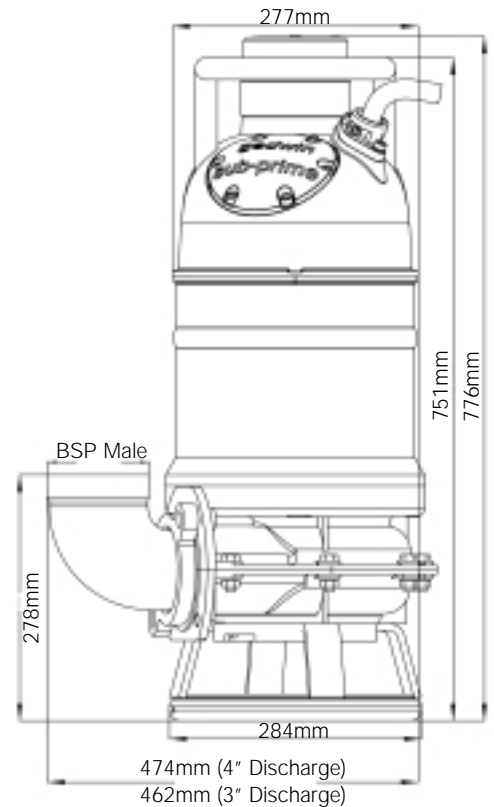


Warning: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids

## Design & Construction



## Dimensions



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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