

*Passion for Progress*

## **GWE - Submersible Sludge Pumps**



**German Water & Energy Pakistan (Private) Limited**

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## Introduction

German Water & Energy Pakistan (Private) Limited (GWE-Pakistan) has been established as a subsidiary company of BAUER RESOURCES GmbH (BRE), Germany, which is a sub-division of larger BAUER Aktiengesellschaft (AG), Germany (www.bauer.de).

GWE-Pakistan offers a wide range of pump design and sizes providing energy efficient solutions for the numerous duty conditions.

## Applications:

Municipal Sewage Schemes	Industrial Effluents
Disposal of Rain and River water	Food Processing Industry
Drainage / Dewatering applications	Pumping Sand Containing Water

## Operating Conditions

Stationary and Portable Operation - Fully Submerged

## Operating Data

Discharge	up to 360 M <sup>3</sup> /hr	Insulation Class	E
Head	up to 46 Meters	Protection	IP - 68
Free Passage Size	up to 100 mm	Voltage/Frequency	230 V - 400 V / 50 Hz
Medium Temp	up to 40°C	Phase	Single / Three Phase

## Product Advantages / Features

- Wide range of services
- Maintenance free
- AC Motor with overload protection
- Continuous operation
- Complete stainless steel / AISI 304 optional
- Mechanical shaft seal as standard
- Motor greater than 0.6 KW with tripple sealing system
- Resin cast cable glands avoid penetration of water in to the motor
- 1 mm remaining water by means of flat bottom suction
- Advance inner cooling system for long service life
- Single channel type impeller with saw - tooth shaped cutting wheel made of Tungston Carbide for low wear
- Easy operation
- High quality of all components
- Flat bottom suction
- Float switch optional
- Delivery Ex-stock

## Characteristics of ROBU Series

Standard Series	Pump with open type impeller for pumping of light polluted water, Sieve on strainer protects against coarse particles.
H - Series	Increased discharge pressure than standard series
SK - Series	Single channel type impeller with saw - tooth shaped cutting wheel made of Tungsten Carbide for low wear.
S - Series	Pump with single channel type impeller for pumping of water with coarse particles.
SV - Series	Pump with vortex type impeller reasonable safe against clogging even with fibrous impurities
RS/RSD - Series	Pump with open type impeller for pumping of light polluted water. Sieve on strainer protects against coarse particles. RSD Type 1 mm remaining water by means of flat bottom suction.
AI - Series	Pump with three blade open type impeller for pumping of light polluted water.