

**BPDS**

## Submersible Borehole Pump



### Applications:

- Potable water supply from deep-wells.
- Agriculture, irrigation & live stock watering, etc.
- Municipal & industrial water supply.
- Fountains etc.

# Submersible Borehole Pump

## Efficiency

- Integrated check valve ensures minimum pressure loss and optimised hydraulics.

## Operating reliability

- Suitable for drinking water.
- Entire hydraulic system designed to operate under harsh industrial conditions
- Low-noise operation
- Can handle clean, non-corrosive and non-abrasive liquids
- High quality shaft bearings providing low friction and high wear resistance
- Stainless Steel strainer to restrict the entry of extraneous material

## Corrosion and wear resistant

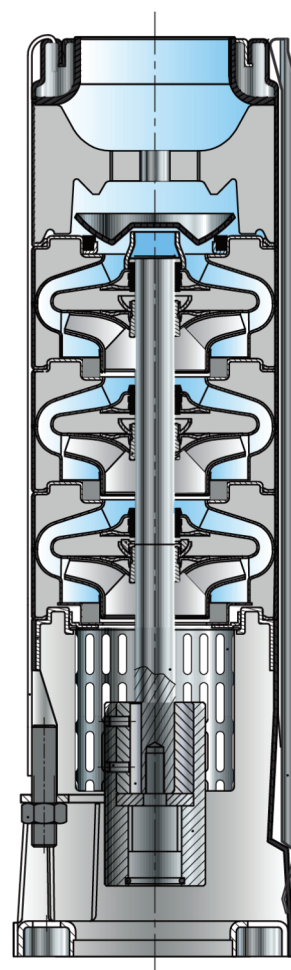
- High quality pump material and components
- All components made of stainless steel
- Robust valve body made of stainless steel

## Flexibility

- Suitable for installation in narrow deepwells
- NEMA connection

## Low Operating Cost

- High pump efficiency means lower energy consumption and thus lower operating cost.



BPDS-Submersible Borehole Pump

Technical Data	BPDS 3	BPDS 4	BPDS 6	BPDS 8
Sizes	02	02 / 03 / 05 / 08 / 14	17 / 30 / 46 / 60	77 / 95
Max. flow rate (m <sup>3</sup> /hr)	upto 3.6	upto 18	upto 78	upto 120
Max. head (m)	upto 88	upto 380	upto 559	upto 401
Max. pump discharge pressure(bar)	8	38	55	40
Max. Fluid temperature°C	35	50	50	50
Materials				
Hydraulic system	Stainless steel / *Plastic impeller	Stainless Steel	Stainless Steel	Stainless Steel
Pump casing	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel

**Note:** DC solar submersible pump variant with built in controller is also available on request with max. flow of 3 m<sup>3</sup>/h and max. head of 35 m.