

# 4SP(M) DEEP WELL SUBMERSIBLE PUMP



Stainless steel construction designed for years of trouble free operation. Close coupled to NEMA standard submersible motor. Designed for flow rates up to 20m<sup>3</sup>/h & head up to 350 meters.

## Construction characteristics

### PUMP

- Stainless steel impeller and diffuser ensures optimal performance in sandy wells.
- Heavy duty stainless steel outer shell providing protection and accurate alignment of internal components
- High quality shaft bearings providing low friction and high wear resistance
- Built-in check valve prevents back flow.
- Strong stainless steel splined drive shaft ensures positive impeller drive and longer life
- Standard 2 pole speed motor limits internal velocities for longer life.
- The 4SP series pumps can be coupled 4SD(M) motors.

### MOTOR

- For the motor characteristics, please check the relevant motor section.

## Application

- Groundwater supply to waterworks
- Irrigation in horticulture and agriculture
- Groundwater lowering
- Pressure boosting
- Industrial applications
- Water treatment

## Specification

- Capacity: up to 18m<sup>3</sup> /h, at 2850 rpm, 50Hz  
up to 20m<sup>3</sup> /h, at 3450 rpm, 60Hz
- Head: up to 350 meters ,at 2850 rpm, 50Hz  
up to 270 meters ,at 3450 rpm, 60Hz
- Power: 0.37kW (1/2HP) to 7.5kW (10HP)
- Power supply: single-phase 230V±10%,50Hz. 220V±10%,60Hz  
three-phase 230V±10%,50Hz. 220V±10%,60Hz  
three-phase 400V±10%,50Hz. 380V±10%,60Hz
- Water temperature: up to 35°C
- Maximum immersion depth: 150 meters