

SUBMERSIBLE



The WARSON submersible pump is specifically designed to be used in well and booster pumps for industrial service, water systems, commercial, municipal and irrigation.

A submersible motor is attached directly to the bowls and is designed to operate completely submerged in the fluid to be pumped. Electrical power is supplied to the electric motor by a waterproof cable. For deep well applications, the pump motor and cable are suspended by the column. In pressure boosting applications, the unit shall be housed in a barrel made of steel or in a tube when it is placed horizontally.

Because the entire unit is either cased or in the water source directly there are several applications where this type of submersible pump has its advantages:

- Extremely deep wells where there might be problems with the axis of a line shaft pump such as a deviated well.
- In facilities where we could have potential flood problem that would cause problems in an electric motor on surface.
- Pressure boosting applications where quiet operation is required.
- Facilities which require minimum space.
- Applications where the pump is placed horizontally into the pipeline and that the conditions require minimum excavation or use of surface space.
- Dewatering systems.

APPLICATIONS	- Deep well - Potable water - Irrigation - Pressure booster pump
LPS CAPACITY	- Up to 365 LPS or 5,786 GPM
PRESSURE	- Up to 52.8 kg/cm ² or 750 PSI
HANDLED LIQUIDS	- Clean water - Saltwater - Mine water
TEMPERATURE RANGE	- From 2°C to 50°C
APPROXIMATE RANGE (HP)	- Up to 350 HP
MOTOR ELEMENTS	- Submersible electric motors from 4" to 12"
CONSTRUCTION MATERIALS	- Nickel- aluminum bronze - Standard bronze - Stainless steel - Nodular iron - Cast iron



TECHINCAL DATA