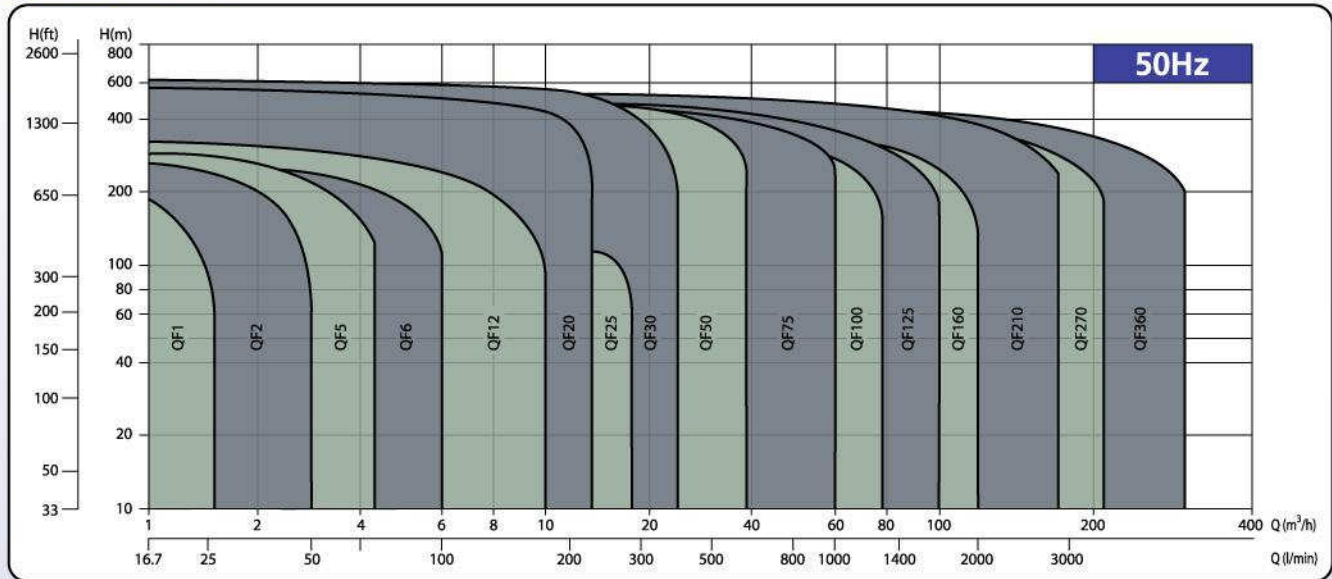




**SHAKTI STAINLESS STEEL
SUBMERSIBLE PUMP**

Selection Chart



Pump

- Stainless steel construction of main hydraulic component, shaft, impellers and diffusers/bowl.
- All bearings are water-lubricated and have a squared shape enabling any sand particles to leave the pump together with the pumped liquid.
- Inlet strainer prevents particles over a certain size from entering the pump.
- All pumps are equipped with a non-return valve in the valve casing to prevent back flow in connection with pump stoppage. The short closing time of the non-return valve means that the risk of destructive water hammering is reduced to a minimum.
- Radial and semi-axial flow impellers.
- Well sizes 3", 4", 6", 8" and 10".

Operating Conditions

- Capacity : 0.1 – 280 m³/h
- Head : 33 – 670 m
- Suitable for handling clean, non-flammable and non-explosive liquid containing no solid particles and fibres.
- Maximum liquid temperature : 40 °C
- Maximum content of solids : 40 g/m³
- Minimum recommended level of suction : 1 m

Motor

- Stainless steel construction motor shell.
- Motor specifications:
 - 4" well size : Up to 2.2kW, 230V / single phase / 50Hz
 - 4" well size : Up to 7.5kW, 415V / three phase / 50Hz
 - 6" well size : 2.2kW – 37kW, 415V / three phase / 50Hz
 - 8" well size : 11kW – 220kW, 415V / three phase / 50Hz
- Speed : 2900 rpm
- Ceramic / tungsten carbide shaft seal provides optimum sealing, optimum wear resistance and long life. The spring loaded shaft seal is designed with a large surface and a sand shield to minimise exchange of pumped and motor liquids and ensure no penetration of particles.
- Protection against upthrust with either a built-in stop ring or hydraulic balancing.
- Efficient cooling is ensured via cooling chambers at the top and bottom of the motor, and by an internal circulation of motor liquid. As long as the required flow velocity is maintained, cooling of motor will be efficient.

Applications

- Industrial
- Civil
- Domestic
- Fire fighting
- Pressure boosting
- Irrigation, including drip and sprinkler irrigation
- Groundwater lowering
- Groundwater intake and water supply

For enquiries, please contact :