

SERIES 4770

MODEL ST

CLOSE-COUPLED SUBMERSIBLE TURBINE

Sizes: 1.25" to 6" Discharge

Flows: To 1,148 GPM

Heads: To 952 Feet

Temp: To 104°F

Services:

**Fire Protection
Water Well**

EXTERIOR SHELL

- Supplied standard in 304 stainless steel
- Optional 316 stainless steel construction available upon request

LOWER PUMP HOUSING

- Supplied standard in 304 stainless steel
- Optional 316 stainless steel construction available upon request
- NEMA motor connection allowing the use of 4, 6, 8 & 10 inch motors from a variety of submersible motor manufacturers
- Integral strainer protects the pump assembly from debris that may be present in the pumped fluid

TOP END BELL

- Supplied standard in 304 stainless steel
- Optional 316 stainless steel construction available upon request
- Internal, heavy duty, non-spinning, spring loaded stainless check valve protects the pump from reverse rotation and water hammer
- Threaded NPT connection for easy system connection

IMPELLER/DIFFUSER STACK

- Supplied standard in 304 stainless steel
- Optional 316 stainless steel construction available upon request
- Impellers and diffusers are designed for maximum efficient
- Wide variety of bearing construction based on fluid and application
- Oversized and heavy duty 420 stainless steel shaft designed for unplanned loads

COUPLING

- NEMA splined motor shaft connection for easy assembly and disassembly

DRIVER

- Pump motor bracket is designed for a standard, stocked NEMA motor
- Wide variety of motor enclosures available including ODP, TEFC
- IEC motors available upon request