



HS2-SERIES

SEMI-VORTEX - WASTEWATER PUMP - WITH AGITATOR

SPECIFICATIONS

■ FEATURES

1. Semi-vortex Urethane Rubber impeller with agitator suspends solids and allows for pumping of sand and stringy material.
2. Highly efficient, continuous duty air filled, copper wound motor with class E, insulation minimizes the cost of operation.
3. Built in thermal protection prevents motor failure due to overloading, accidental run-dry and single phasing in three phase units.
4. Double inside mechanical seals with silicon carbide faces running in an oil filled chamber provide for one the most durable seal designs available.

5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours provide for extended operational life.

■ APPLICATIONS

1. Residential, commercial, industrial wastewater and site drainage.
2. Decorative waterfalls and fountains.
3. Raw water supply from lakes or rivers.
4. Sediment removal from small sumps or basins.



■ SPECIFICATIONS

Discharge Size
Horsepower Range
Performance Range Capacity
Head
Maximum water temperature
Materials of Construction
Casing
Impeller
Shaft
Motor Frame
Fasteners
Mechanical Seal
Upper Seal
Lower Seal
Elastomers
Impeller Type
Solids Handling Capability

Bearings

Motor Nomenclature
Type, Speed, Hz.
Voltage, Phase
Insulation

Accessories

Operational Mode

■ STANDARD

2" Npt (50 mm)
1/2 Hp. (.4 Kw)
15 ~ 50 Gpm. (.056 ~ .19 m³/min)
5 Ft. ~ 34 Ft. (1.5 ~ 10.3 m)
104° F. (40° C.)

Ductile Cast Iron
Urethane Rubber
403 Stainless Steel
Aluminum alloy
304 Stainless Steel

Silicon Carbide/Silicon Carbide
Silicon Carbide/Silicon Carbide
NBR (Nitril Buna Rubber)
Semi-vortex, solids handling.
1" x 3/8"

Prelubricated, Double Shielded

Air Filled, 3600 Rpm, 60 Hz.
115 V., 1 Phase
Class E

Submersible Power Cable 16' (4.87 m)

Manual

■ OPTIONS

Length as Required, (75' Max)
TS-301 Float Switch