

Product Reference

WEDA 60S (50 Hz)

Electric submersible sludge pump

Specifications

Portable electric submersible sludge pump with a recessed vortex impeller. Designed for handling sludge and mud with particles up to 50mm. Prot class IP68

Pump Types

WEDA 60S Medium head sludge pump

Electric Motor

3-phase: Squirrel cage induction motor.
Insulation: Class F (+155C), IEC 85

| Data | WEDA 60S | 3~ |
|-----------------|----------|------|
| Rated Output | kW | 7.5 |
| Rated Current A | 230v | 26 |
| | 400v | 16 |
| | 500v | 13 |
| Shaft speed | rpm | 2900 |

Other voltage upon request

Motor Protection

Thermal switch in each winding (+130 degree C)

Cable

Oil and wear resistant rubber cable
230v, 20m 4 x 4 mm²
400v, 20m 7 x 2.5 mm²

Shaft Seal

Double mechanical seals with oil compartment.
Primary seal: Silicon carbide against silicon carbide.
Secondary seal: Carbon against ceramic.
Available in a complete seal pack or as separate items.

Bearings

Single-row: deep groove ball bearings with C3 clearance

Materials

Castings: Aluminium
Shaft: Stainless steel
Fasteners: Stainless steel
Impeller: Cr-alloyed white cast iron, 55Rc
Pump housing: Cr-alloyed white cast iron

Discharge connection

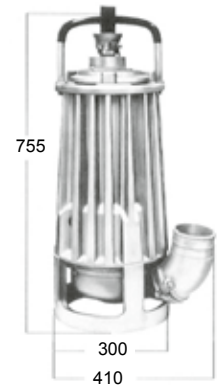
3" std, optional 4" for hose, BSP or NPT

Accessories

- DOL starter box
400v p/n 470W209810
500v p/n 470W209811
- Zinc anodes
- Epoxy coating



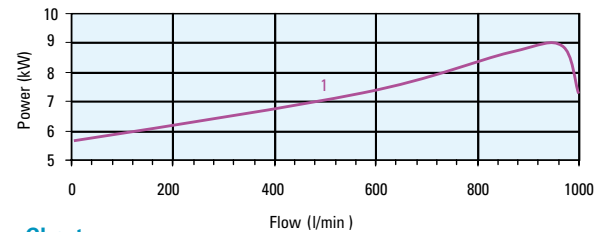
Weight: 70 kg



Dimensions (mm)

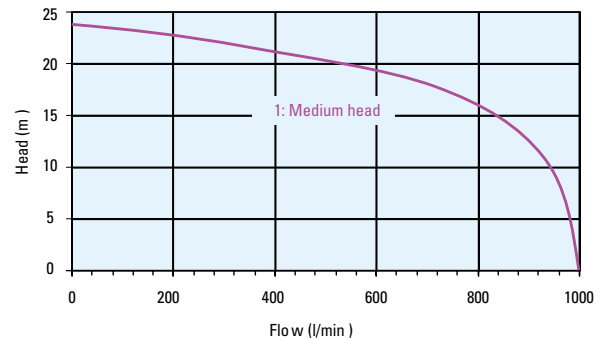
Power (kW)

According to ISO 9906 - ANNEX A



Flow Chart

According to ISO 9906 - ANNEX A



Features

- Robust design
- Lightweight and user friendly
- Clog free with a 50mm through let
- Allows dry running for a reasonable time
- Wear resistant wet end in CR-alloy steel
- Complete seal pack for easy and fast service
- Easy installation

Designed for

- Heavy duty pumping of sludge and mud
- Max submersible depth of 20m
- Max temperature of liquid +40C.
- Max density of liquid, 1.100kg/m³
- pH of the liquid between 5-8
- For special applications contact Weda pump