

# Product Reference WEDA 70 (60 Hz)

## Electric submersible pump

### Specifications

Portable electric submersible pump for dewatering of construction sites, mines, flooded areas etc. Designed for handling liquid with abrasive particles. Prot class IP68

### Pump Types

WEDA 70L Low head/high volume  
WEDA 70H High head

### Electric Motor

3-phase: Squirrel cage induction motor with built-in contactor.  
Insulation: Class F (+311F), IEC 85

Data		WEDA 70L	WEDA 70H
Rated Output	hp	19	23
Rated Current A	460v	20.6	25.3
Shaft speed	rpm	3550	3550

Other voltage upon request

### Motor Protection

Thermal switch in each winding (+266 degree F)

### Cable

Oil and wear resistant rubber cable  
65ft 4 x AWG 10

### Shaft Seal

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

### Bearings

Upper: Ball bearings with C3 clearance  
Lower: Dual ball bearings with C3 clearance

### Materials

Castings: Aluminium  
Outer-casing: Galvanized steel  
Shaft: Stainless steel  
Fasteners: Stainless steel  
Impeller: Cr-alloyed white cast iron, 55Rc  
Wear parts: Natural rubber

### Discharge connection

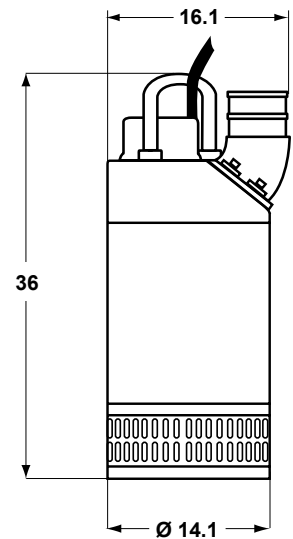
6" NPT std for WEDA 70L, 4" NPT std for WEDA 70H,  
opt hose or BSP

### Accessories

- Built-in Y/D starter
- Zinc anodes
- NVB automatic level control (WEDA 70L only)
- Epoxy coating
- Float switch



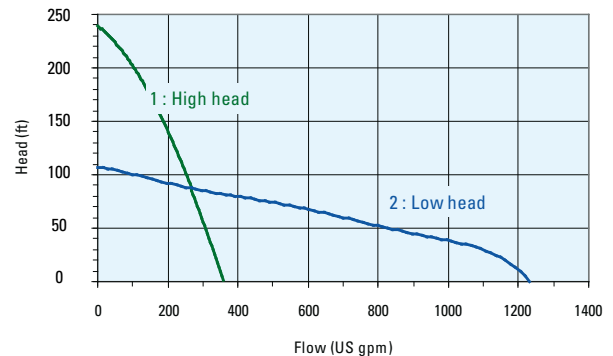
Weight: 210 lbs



Dimensions (inch)

### Flow Chart

According to ISO 9906 - ANNEX A



### Features

- Robust design
- User friendly
- Wear resistant wet end in CR-alloy steel and natural rubber
- Adjustable wear parts
- Complete seal pack for easy and fast service
- Built-in contactor for DOL start
- Easy installation

### Designed for

- Heavy duty pumping of abrasive liquids
- Max submersible depth of 66ft
- Max temperature of liquid +104F
- Max density of liquid, 68lbs/ft<sup>3</sup>
- pH of the liquid between 5-8
- For special applications contact Weda pump