

# Product Reference WEDA 40 (50 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 40 Medium head, 3-phase

### Electric Motor

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

Data	WEDA 40	3~
Rated Output	kW	3.0
Rated Current A	230v	10
	400v	5.3
	500v	4.4
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 type HO7RN-F  
15m 4 x 1.5 mm<sup>2</sup>

### Shaft Seal

Double seals with oil compartment  
Primary seal: Silicon carbide against silicon carbide.  
Secondary seal: Lip seal against wear sleeve of tungsten carbide.

### Bearings

Single-row ball bearing with C3 clearance.

### Materials

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

### Discharge connection

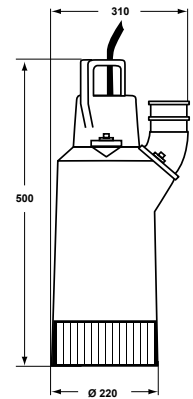
3" std, 4" opt, hose, BSP or NPT

### Accessories

- Low suction collar
- Float switch
- Zinc anodes
- Epoxy Coating
- Stainless steel strainer
- Quick coupling type 1, 2,5"



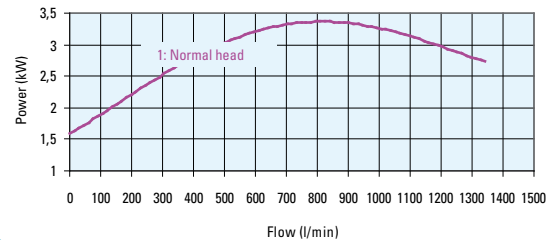
Weight : 25 kg



Dimensions (mm)

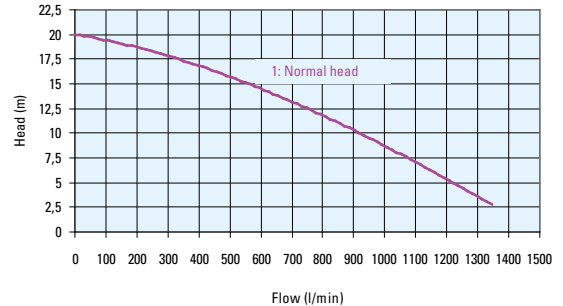
### Power (kW)

According to ISO 9906 - ANNEX A



### Flow Chart

According to ISO 9906 - ANNEX A



### Features

- Robust design
- Lightweight and user friendly
- Wear resistant wet end in CR-alloy steel and natural rubber
- Adjustable wear parts
- Built-in contactor
- Easy installation

### Designed for

- Heavy duty pumping of abrasive liquids.
- Max submersible depth of 20m.
- Max temperature of liquid +40C.
- Max density of liquid, 1.100kg/m<sup>3</sup>.
- pH of the liquid between 5-8.
- For special applications contact Weda pump.

