

# RC 4060, 50Hz

## 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

RC 4064 Medium head sludge pump

### Electric Motor

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

Data	RC 4060	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 (+135 degree C)

### Cable

Oil and wear resistant rubber cable  
230v, 20m 4x4mm<sup>2</sup>  
400v, 20m 7x2.5mm<sup>2</sup>

### 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

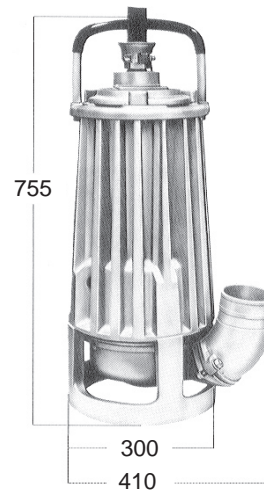
Castings: Aluminium  
Shaft: Stainless steel  
Fasteners: Stainless steel  
Impeller: Cr-alloyed white cast iron, 55Rc  
Pump housing: Cr-alloyed white cast iron

### Discharge connection

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

### Accessories

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

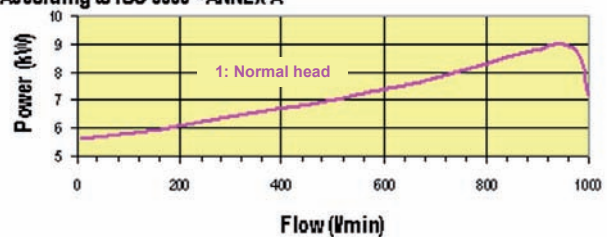


Weight: 70 kg

Dimensions (mm).

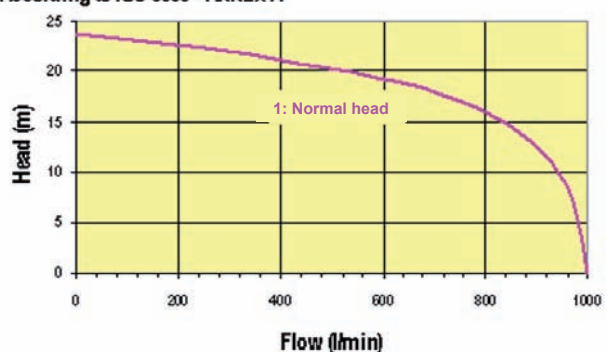
### Power (kW)

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/m<sup>3</sup>  
pH of the liquid between 5-8  
For special applications contact Weda pump

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World leader in professional submersible drainage pumps