

RL 2030, 50Hz

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

RL 2034 Medium head, single-phase or 3-phase
 RL 2032 Low head/High volume, single-phase or 3-phase

Electric Motor

Single-phase squirrel cage induction motor with built-in capacitor and contactor.

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

Data	"F @S\$"	1~	3~
Rated Output	kW	2.0	2.0
Rated Current A	230v	12.0	7.3
	400v		4.2
	500v		3.5
Shaft speed	rpm	2900	2900

Other voltage upon request

Motor Protection

Thermal switch in each winding (+135 degree C)

Cable

Oil and wear resistant rubber cable type HO7RN-F

1~: 15m 3x2.5mm²
 3~: 15m 4x1.5mm²

Shaft Seal

Double seals with oil compartment

Primary seal: Silicon carbide against silicon carbide.

Secondary seal: Lip seal

Bearings

Single-row ball bearing with C3 clearance.

Materials

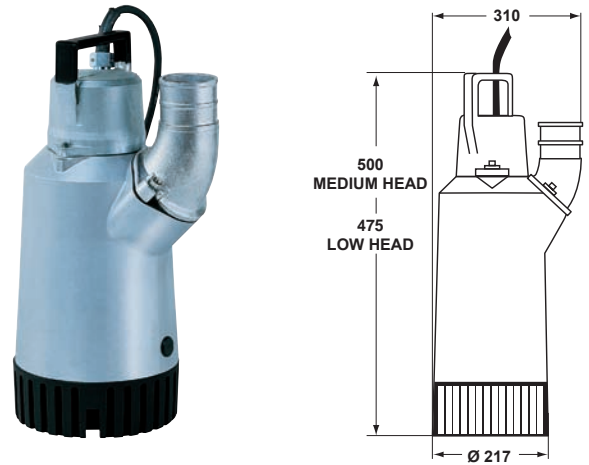
Castings: Aluminium
 Outer-casing: Aluminium
 Shaft: Stainless steel
 Fasteners: Stainless steel
 Impeller: Cr-alloyed white cast iron, 55Rc
 Wear parts: Natural rubber

Discharge connection

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

Accessories

Low suction collar
 Float switch
 Zinc anodes
 Stainless steel strainer
 Epoxy coating
 Quick coupling type 1, 2.5"

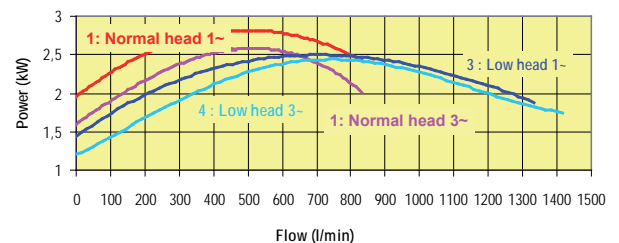


Weight: 20 kg

Dimensions (mm).

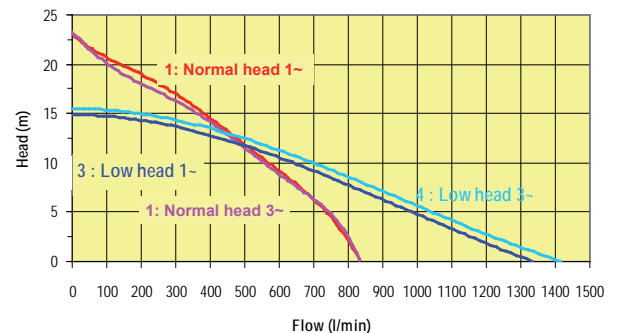
Power (kW)

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 capacitor and 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/m³.
 pH of the liquid between 5-8.
 For special applications contact Weda pump.



ÜSAGE 30, 60Hz

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

ÜSAGE H Low head/High volume, single-phase or 3-phase
 ÜSAGE M Medium head, single-phase or 3-phase

Electric Motor

Single-phase squirrel cage induction motor with built-in capacitor and contactor.

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

Data	1~	3~
Rated Output	hp 3.8	3.8
Rated Current A	230v 15.3	-
	460v 4.2	
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

1~: 3x65ft AWG 14
 3~: 4x65ft AWG 16

Shaft Seal

Double seals with oil compartment

Primary seal: Silicon carbide against silicon carbide.

Secondary seal: Lip seal

Bearings

Single-row ball bearing with C3 clearance.

Materials

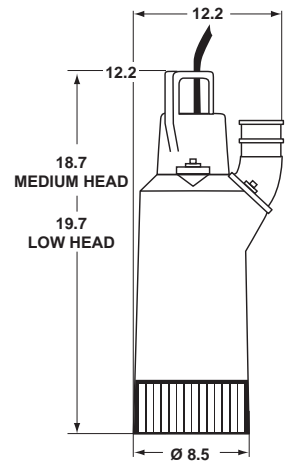
Castings: Aluminium
 Outer-casing: Aluminium
 Shaft: Stainless steel
 Fasteners: Stainless steel
 Impeller: Cr-alloyed white cast iron, 55Rc
 Wear parts: Nitrile rubber

Discharge connection

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

Accessories

Low suction collar
 Float switch
 Zinc anodes
 Stainless steel strainer
 Epoxy coating
 Quick coupling type 1, 2.5"

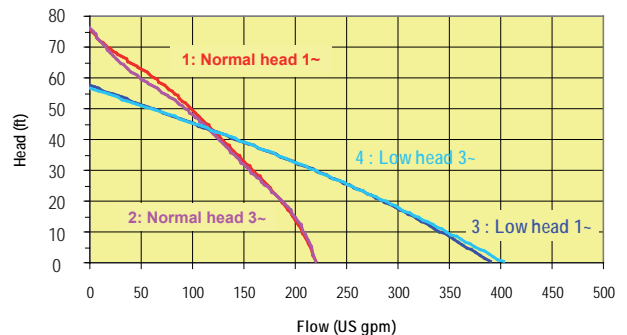


Weight: 44.1 lbs

Dimensions (in).

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 capacitor and contactor
 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/ft³.
 pH of the liquid between 5-8.
 For special applications contact Weda pump.

