

RL 4140, 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 4144 Medium head, 3-phase

Electric Motor

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

Data	RL 4140	3~
Rated Output	kW	3.0
Rated Current A	230v	10
	400v	5.3
	500v	4.4
Shaft speed	rpm	2900
<i>Other voltage upon request</i>		

Motor Protection

Thermal switch in each winding (+135 degree C)

Cable

Oil and wear resistant rubber cable type HO7RN-F
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

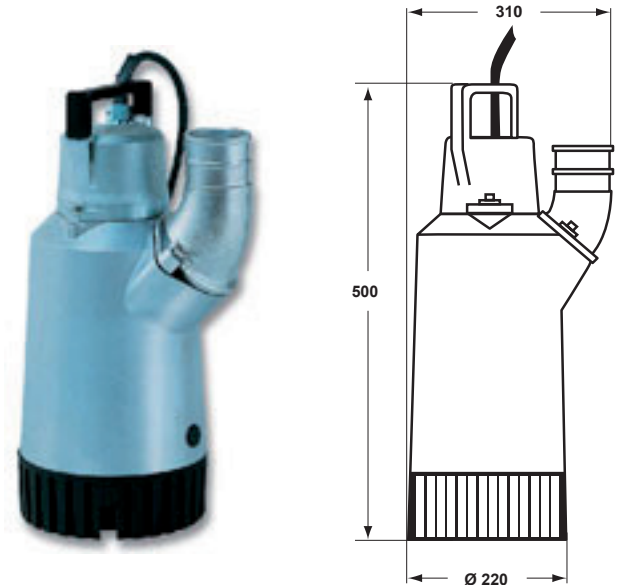
Castings: Aluminium
Outer-casing: Aluminium
Shaft: Stainless steel
Fasteners: Stainless steel
Impeller: Cr-alloyed white cast iron, 55Rc
Wear parts: Natural rubber

Discharge connection

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

Accessories

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

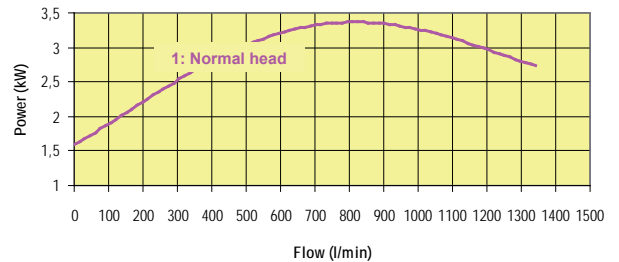


Weight: 25 kg

Dimensions (mm).

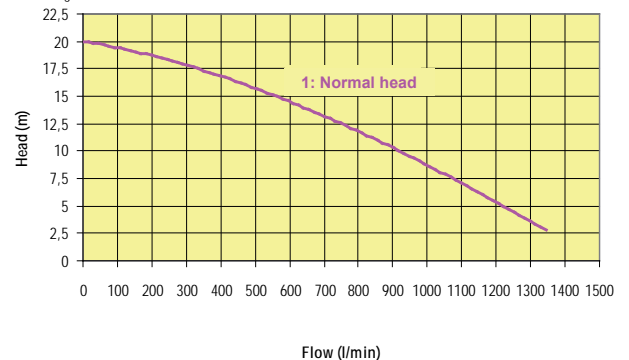
Power (kW)

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

WEDA PUMP
World leader in professional submersible drainage pumps

RL 4140, 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

RL 4145 Medium head, 3-phase

Electric Motor

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

Data	RL 4140	3~
Rated Output	hp	4.8
Rated Current A	460v	5.1
Shaft speed	rpm	3550

Other voltage upon request

Motor Protection

Thermal switch in each winding (+266 degree F)

Cable

Oil and wear resistant rubber cable
65ft 4xAWG 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

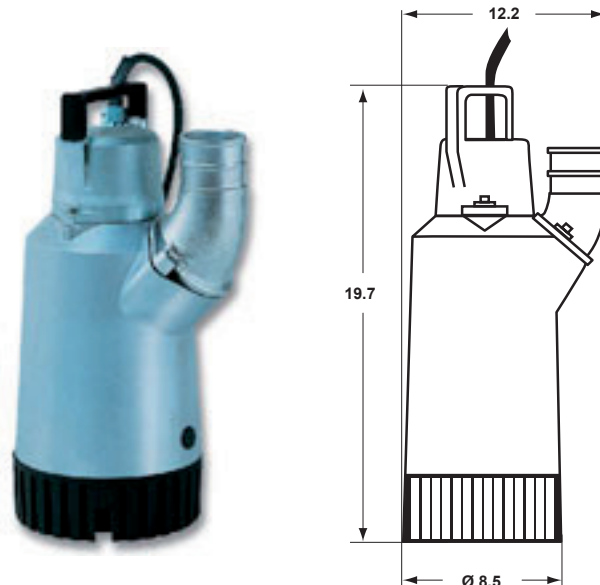
Castings: Aluminium
Outer-casing: Aluminium
Shaft: Stainless steel
Fasteners: Stainless steel
Impeller: Cr-alloyed white cast iron, 55Rc
Wear parts: Nitrile rubber

Discharge connection

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

Accessories

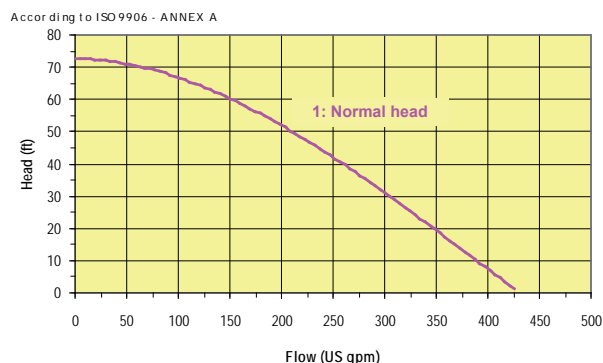
Low suction collar
Float switch
Zinc anodes
Epoxy Coating
Stainless steel strainer
Quick coupling type 1, 2.5"



Weight: 55 lbs

Dimensions (in).

Flow Chart



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 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.



WEDA PUMP
World leader in professional submersible drainage pumps

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