RL 6070, 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 6072 Low head/high volume RL 6076 High head

Electric Motor

3-phase: Squirrel cage induction motor with built-in contactor.

Insulation: Class F (+155C), IEC 85

Data		RL 6072	RL 6076
Rated Output	kW	11.8	11.8
Rated Current A	230v	40	40
	400v	23	23
	500v	18	18
Shaft speed	rpm	2900	2900
Other voltage upon reques	t		

Motor Protection

Thermal switch in each winding (+135 degree C)

Cable

Oil and wear resistant rubber cable type HO7RN-F 230v, 20m 4x10mm²

Shaft Seal

400v, 20m 4x4mm²

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

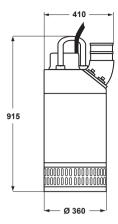
6" std for RL 6072, 4" std for RL 6076, for hose, BSP or NPT

Accessories

Built-in Y/D starter Zinc anodes NVB automatic level control Epoxy coating Float switch

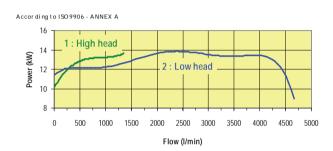






Weight: 95 kg Dimensions (mm).

Power (kW)



Flow Chart



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 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

RL 6070, 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 6073 Low head/high volume RL 6077 High head

Electric Motor

3-phase: Squirrel cage induction motor with built-in contactor.

Insulation: Class F (+311F), IEC 85

Data		RL 6073	RL 6077
Rated Output	hp	14	18
Rated Current A	460v	20.6	25.3
Shaft speed	rpm	3550	3550
Other voltage upon reques	st		

Motor Protection

Thermal switch in each winding (+266 degree F)

Cable

Oil and wear resistant rubber cable 65ft 4xAWG 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

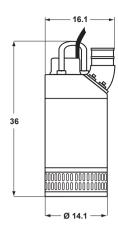
6" NPT std for RL 6073, 4" NPT std for RL 6077, opt hose or BSP

Accessories

Built-in Y/D starter Zinc anodes NVB automatic level control (RL 6073 DOL only) Epoxy coating Float switch





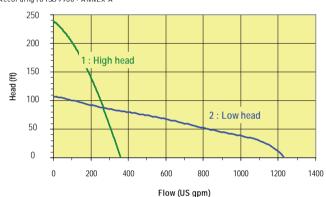


Weight: 210 lbs

Dimensions (in).

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/ft³ pH of the liquid between 5-8

