

RL 8010, 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 8014 Medium head

Electric Motor

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

Data	RL 8010	3~
Rated Output	kW	54
Rated Current A	380v	110
	415v	100
	500v	80
Shaft speed	rpm	1450

Other voltage upon request

Motor Protection

Thermal switch in each winding (+135 degree C)

Cable

Oil and wear resistant rubber cable type HO7RN-F
2~: 20 m, 4 x 25mm²
1~: 21 m, 2 x 1.5mm² for thermal switches

Shaft Seal

Double mechanical seals with oil compartment.
Primary seal: Tungsten carbide against ceramic seal.
Secondary seal: Carbon seal against silicon carbide.
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

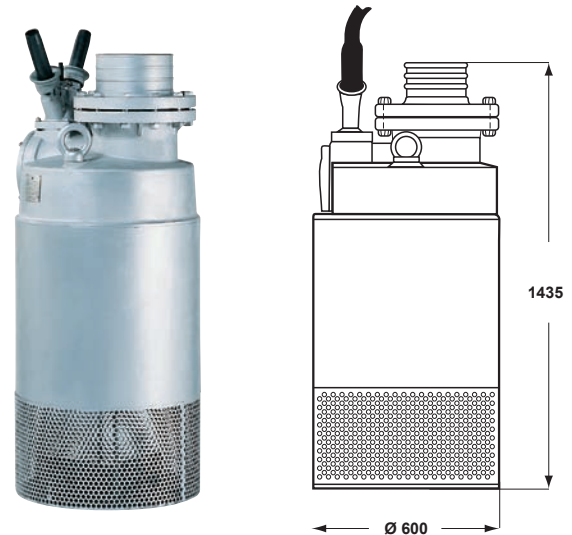
Castings: Aluminium
Outer-casing: Galvanized steel
Shaft: Stainless steel
Fasteners: Stainless steel
Impeller: Cr-alloyed white cast iron, 55Rc
Wear parts: Natural rubber

Discharge connection

10" for hose, BSP or NPT

Accessories

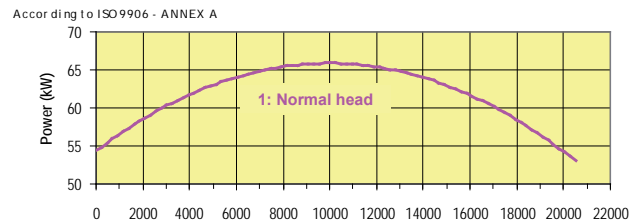
External Y/D or DOL starter
Zinc anodes
NVB automatic level control
Float switches



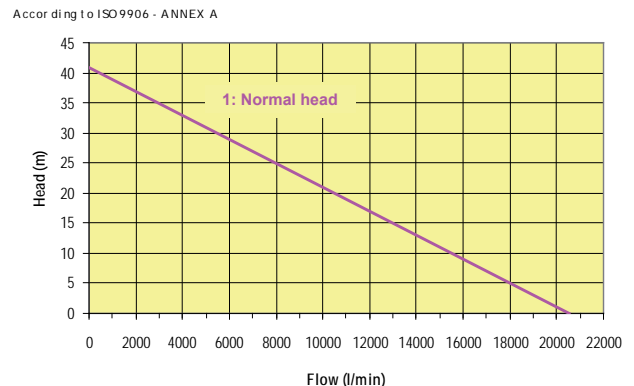
Weight: 510 kg

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 instant service pack for easy and fast service
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

Delta Pompen B.V. – Rigaweg 17 – 9723 TE – Groningen – The Netherlands

Tel.: +31 (0)50-2072380 – info@wedapump.com – <http://www.wedapump.com>