

FLO-KWIP

ELECTRICAL SUBMERSIBLE PUMP

AR540

Specifications

Portable electrical submersible pump for dewatering of construction sites, mines, flooded areas etc. Designed for handling liquid with abrasive particles. Prot class IP68

Pump Types

AR540M: Medium head

Electrical Motor

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

Data AR540M 50Hz

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 cables 20 m, 4 x 25mm²
1 cable 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 instant service 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

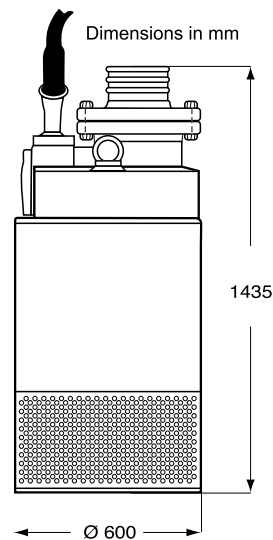
10" for hose, BSP or NPT

Accessories

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

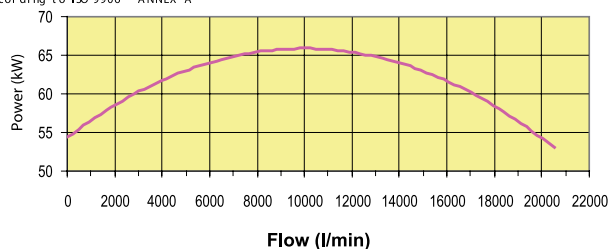


Weight 510 kg



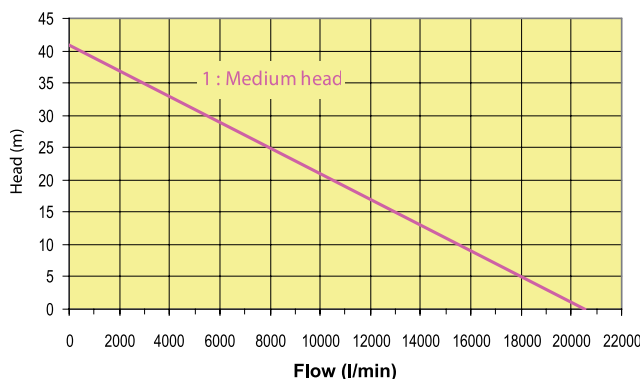
Power (kW) Electrical

According to ISO 9906 - ANNEX A



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 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 distributor.

We reserve the right to change specifications without notice.
Photos and illustrations do not always show standard versions of machines.
The above information is a general description only,
all informations are supplied
without liability.

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