

# FLO-KWIP

## ELECTRICAL SUBMERSIBLE PUMP

### AR265 DATA SHEET

#### 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

AR265M: Medium head/High volume, Manual or Auto, 3 ph  
AR265H: High head, Manual, 3 ph

#### Electrical Motor

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

Data: 50 HZ		AR265M	AR265H
Rated output	kW	26.5	26.5
Rated Current A	230v	82	82
	400v	46	46
	500v	38	38
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  
230v, 20m 4x10mm<sup>2</sup>  
400v+, 20m 4x4mm<sup>2</sup>

#### Shaft Seal

Double mechanical seals with oil compartment.  
Primary seal: Silicon carbide against silicon carbide.  
Secondary seal: Silicon carbide 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

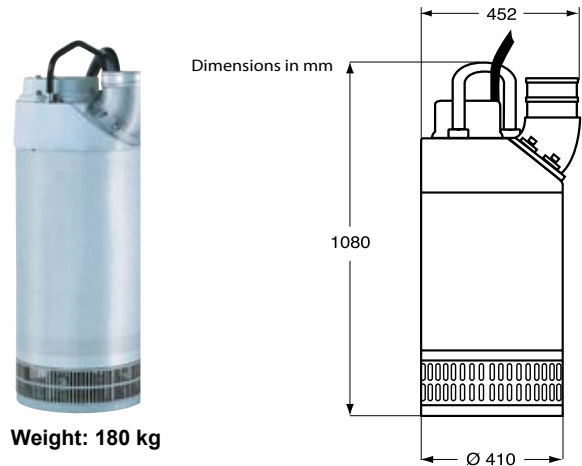
Castings: Aluminium  
Outer-casing: Aluminium  
Shaft: Stainless steel  
Fasteners: Stainless steel  
Impeller: Cr-alloyed white cast iron, 55Rc  
Wear parts: Natural rubber

#### Discharge connection

Std: AR265M - 6" Hose (-150H), AR265H - 4" Hose (-100H)  
Options: 4" or 6", Hose or BSP

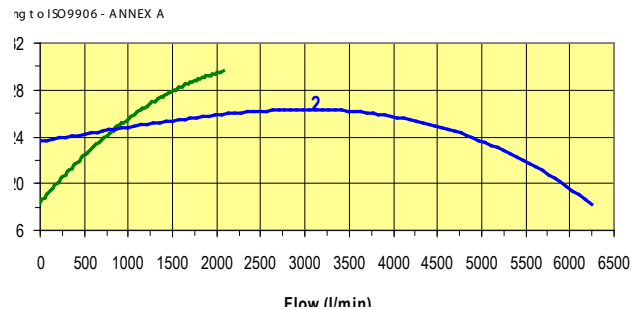
#### Accessories

Built-in Y/D starter  
Zinc anodes  
Electronic automatic level control (for AR265M only)  
Epoxy coating  
Float switches

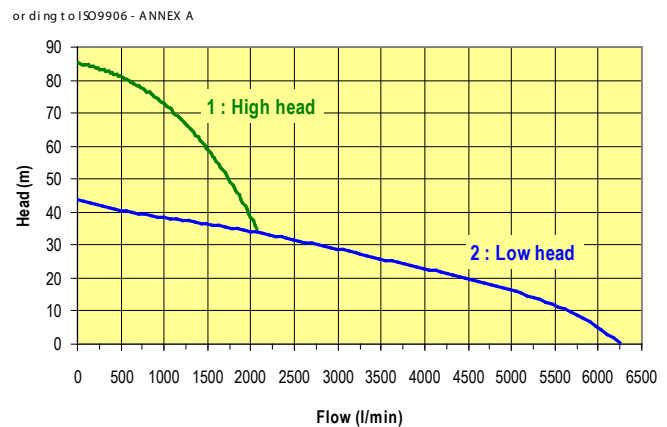


Weight: 180 kg

#### Power (kW) Electrical



#### Curve Head x Flow



#### 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
- 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/m<sup>3</sup>.
- pH of the liquid between 5-8.
- For special applications contact distributor.