

ÜSAGEF€, 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

ÜSAGEF Medium head, single-phase or 3-phase

Electric Motor

Single-phase squirrel cage induction motor with built-in capacitor and contactor.

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

Data	F @&\$%\$*	1~	3~
Rated Output	kW	1.0	1.0
Rated Current A	110v	13.0	
	230v	6.4	
	400v		2.0
	500v		1.8
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

1~: 15m 3x1.5mm² (230v)

15m 3x2.5mm² (110v)

3~: 15m 4x1.5mm²

Shaft Seal

Primary and secondary grease lubricated lip seals against wear sleeve of tungsten carbide. Available in a complete seal pack or as separate items.

Bearings

Single-row ball bearing with C3 clearance

Materials

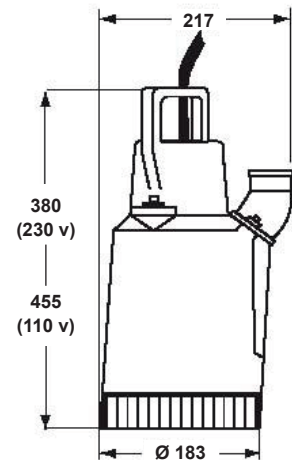
Castings: Aluminium
Outer-casing: Aluminium
Shaft: Stainless steel
Fasteners: Stainless steel
Impeller: Cr-alloyed white cast iron, 55Rc
Wear parts: Natural rubber

Discharge connection

2" std, 1.5" opt, hose, BSP or NPT 1.5",

Accessories

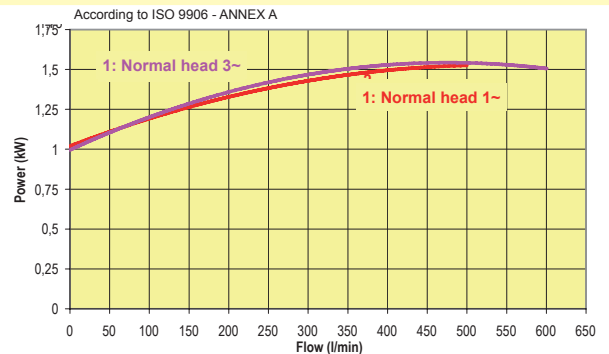
Low suction collar
Float switch
Zinc anodes
Stainless steel strainer
Quick coupling type 1



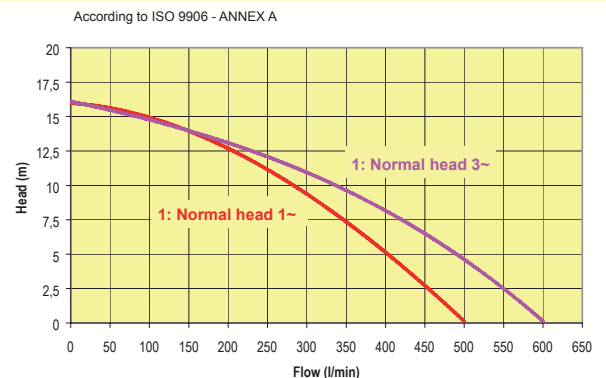
Weight: 12.5 kg

Dimensions (mm).

Power (kW)



Flow Chart



Features

Robust design
Lightweight and 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 capacitor and 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