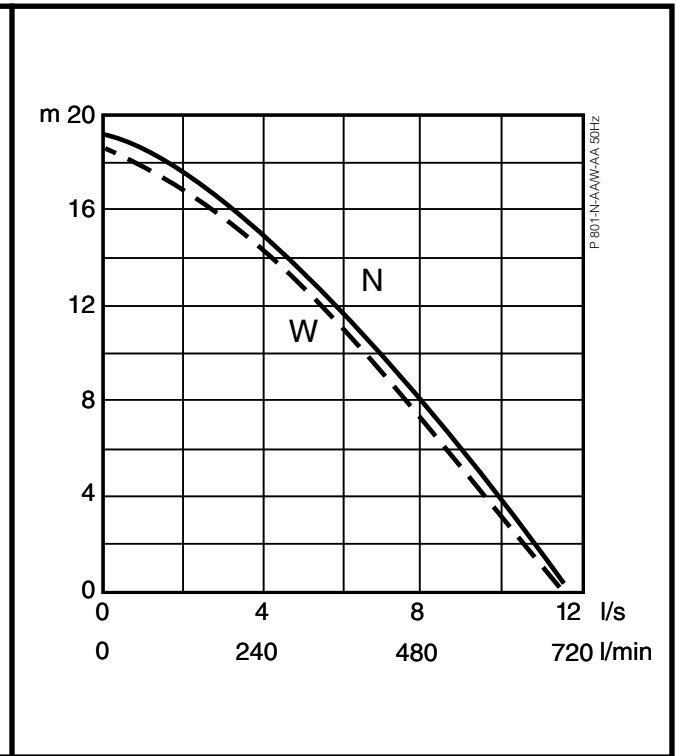
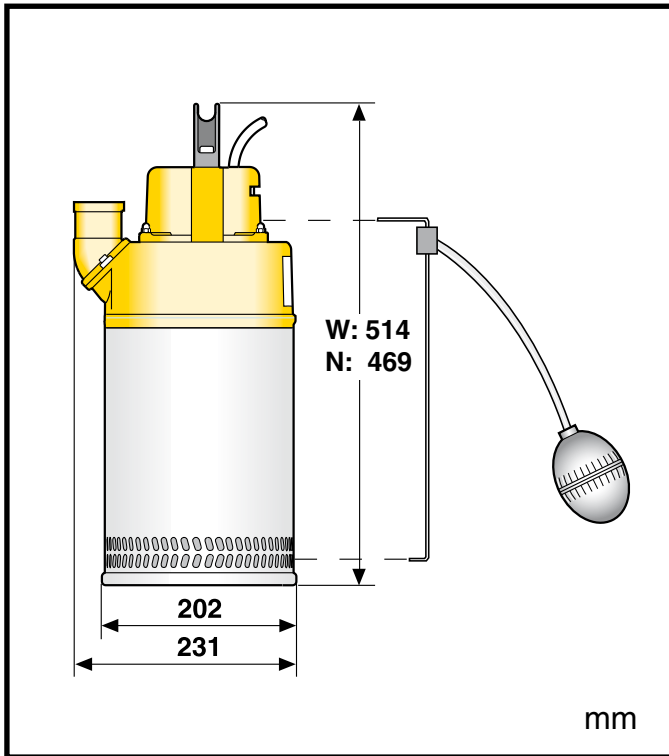


## Submersible drainage pump

# P 801

# P 801 W

50 Hz



P801.02.0710.Eng/Digital  
The manufacturer reserves the right to alter performance, specifications or design without notice.

### Specification

Electric submersible pump with double outer casing.  
Protection class IP 68. Class F insulation.  
Maximum submergence: 20 m.  
Strainer hole 6,5 x 15,5 mm.

### Pump Types

P 801 W Medium head, single-phase  
P 801 WA Medium head, single-phase  
(option: built-in float switch)  
P 801 N Medium head, 3-phase  
P 801 NA Medium head, 3-phase  
(option: built in float switch excl. 500V)

### Electric Motor

Single-phase induction motor with built-in start and run capacitor, 50Hz

Motor rating  $P_2$ : 1.4 kW  
Speed: 2800 rpm

Voltage, V	230
Nominal current, A	8.1

3-phase squirrel-cage induction motor, 50 Hz

Motor rating  $P_2$ : 1.4 kW  
Speed: 2800 rpm

Voltage, V	230	400	500
Nominal current, A	5.0	2.9	2.3

### Power Cable

20 m type HO7RN-F:  
4 x 1.5 sq.mm. (3-phase)  
3 x 1.5 sq.mm. (single-phase)

### Motor Protection

Built-in thermal motor protector (3-phase, with contactor unit) and a bimetal microswitch in each winding.

### Shaft Seal

Double mechanical seal in oil bath.  
Primary seal: Silicon carbide on silicon carbide  
Secondary seal: Silicon carbide on silicon carbide

### Bearings

Upper bearing: Single-row deep groove ball bearing.  
Lower bearing: Single-row deep groove ball bearing.

### Materials

	EN	ASTM
Castings:	Aluminium EN1706:AC-43100	ASTM AISI10mg
Casing and fasteners:	Stainless steel 10088:X5CrNi18-10 (1.4301)	AISI 304
Shaft:	Stainless steel 10088:X20Cr13 (1.4021)	AISI 420
Impeller:	White cast iron EN1695G-X260Cr27	ASTM A 532: Alloy III A

Rubber parts: Nitrile rubber

### Discharge Connections

1 1/2", 2" (standard), 2 1/2", 3" hose connections.  
G 2", 2 1/2", 3" B.S.P. threaded connections.

### Weight (without cable)

N: 16.5 kg, W: 18 kg

### Options and Accessories

Series connection. Bottom suction adapter.  
Zinc anodes. Float switch.

