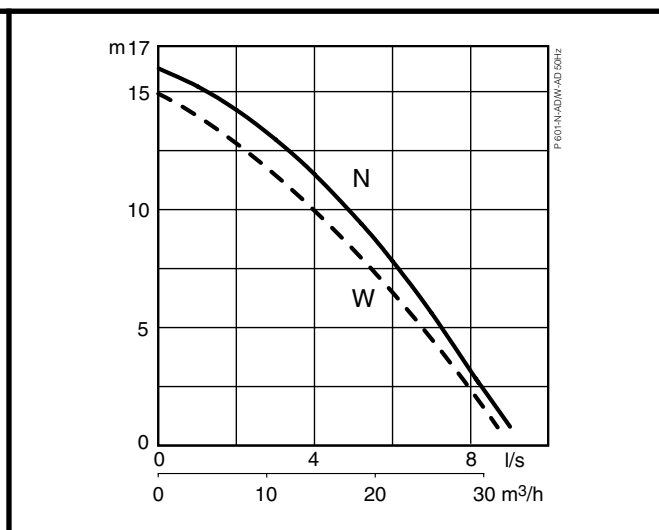
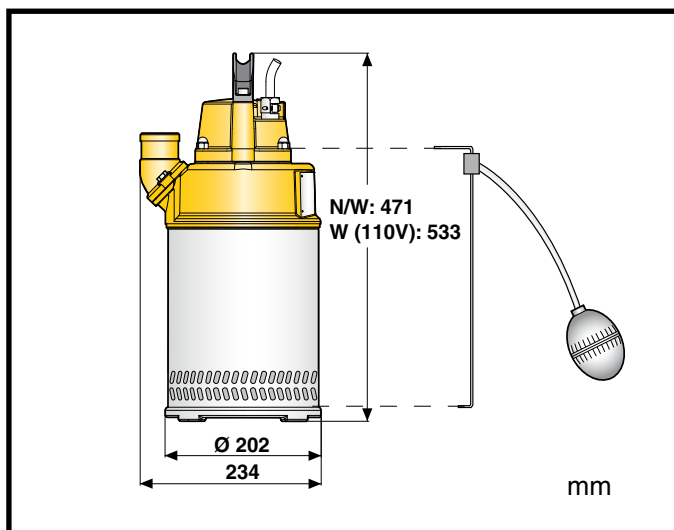


Submersible P 601 drainage pump P 601 W



Specification

Electric submersible pump.
Maximum submergence: 20 m. Protection class IP 68.
Max temperature of pumped medium at max power input and continuous duty 40°C.
Max medium density 1100 kg/m³
pH of the pumped medium 5-8.
Strainer hole 6.5 x 15.5 mm. Max number of starts 30/hour.

Pump Types

P 601 W/WA* Medium head, single-phase
P 601 N/NA* Medium head, 3-phase

*option: built in float switch excl. 500 V

Electric Motor

Single-phase induction motor with built-in capacitor, 50Hz.
Service factor 1.1. Class F insulation.
Max. power input P_1 : 1.2 kW. Motor rating P_2 : 0.9 kW.
Speed: 2750 rpm

Voltage, V	110	230
Nominal current, A	10.4	5.2

3-phase squirrel-cage induction motor, 50Hz.
Service factor 1.1. Class F insulation.
Max. power input P_1 : 1.3 kW. Motor rating P_2 : 1.0 kW.
Speed: 2800 rpm
D.O.L. start with built-in contactor

Voltage, V	230	400	500
Nominal current, A	4.0	2.3	1.9

Power Cable

20 m type S1BN8-F:
4 x 1.5 sq.mm. (3-phase)
3 x 1.5 sq.mm. (single-phase)

Motor Protection

Built-in thermal switches in the stator winding (140°C, ±5).

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	EN 1706: AC-43100 ASTM AISi10mg
Casing / Fasteners:	Stainless steel	10088: X5CrNi18-10 (1.4301) ASTM AISI 304
Shaft:	Stainless steel	10088: X20Cr13 (1.4021) ASTM AISI 420
Impeller:	White cast iron	EN-GJN-HV600 (XCr23) ASTM A 532: Alloy III A
Wear parts / O-rings:	Nitrile rubber	

Discharge Connections

1 ½", 2" (standard), 2 ½", 3" hose connections
2", 2 ½", 3" B.S.P. threaded connections

Weight (without cable)

16.0 kg

Options and Accessories

Zinc anodes. Surface protection coating
Bottom suction adapter. Series connection.
Starter and control units. PumpFloater. Emergency kit. Service kit
Discharge connection accessories and hose

P601.02.1106.Eng50Hz
The manufacturer reserves the right to alter performance, specifications or design without notice.

