

MODEL

BOSS 21

Code: 80630010

SUBMERSIBLE PUMP FOR DRAINAGE APPLICATIONS

HEAD
UP TO
5 MTS

FLOW
UP TO
1.9 L/S

FLOAT
AUTO
YES

SUPPLY
VOLTS
230 V

All BOSS products are supplied with the confidence of high quality and reliability as standard.

- Full service & technical back up



DURABILITY



Anti-corrosive
full rust proof materials

OPERATION



Automatic float switch
control

CAPABILITY



Minimum suction
depth of 2-3 mm

INSTALLATION



Fitted with 10 Metres
of mains cable

BOSS 21

TECHNICAL SPECIFICATION



HEAD UP TO	5 METRES
FLOW UP TO	1.9 L/SEC
CLOSED VALVE	5.5 METRES
MIN SUMP DIMENSION MM	H300 x W400x D400
OUTLET SIZE	1 1/4" F BSP
IMMERSION DEPTH MAX	10 METRES
MIN WATER LEVEL	65 MM (auto)
SOLIDS HANDLING	5 MM
MAX LIQUID TEMP	35°C
MOTOR SIZE	0.22 KW
MAINS SUPPLY	230 VOLT
RUNNING CURRENT	0.9 AMPS
FLOAT SWITCH	YES
SUPPLY CABLE	10 METRES

APPLICATIONS

Multi purpose submersible electric drainage pump manufactured in rust free anti-corrosion material. Designed for pumping clean and waste water containing solids in suspension up to a maximum of 5mm in diameter.

Ideal for cellar drainage, pumping out flooded areas and water gardening applications.

CONSTRUCTION FEATURES OF THE PUMP

Pump body and impeller made in technopolymer, motor casing and shaft made in stainless steel.

Motor shaft lip seal arrangement.

CONSTRUCTION FEATURES OF THE MOTOR

Dry asynchronous sealed motor type cooled by the pumped liquid. Rotor mounted on greased for-life bearings, oversized and selected to guarantee greater noise reduction and durability.

Thermal overload motor protection as standard, auto-resetting.

Constructed in accordance with the IEC 2-3 IEC61-69 (EN 60335-2-41) standards.

Motor Protection Class: IP68 Insulation Class: F Minimum Suction: 2-3 mm Manually

Standard Voltage: 230 Volt 50Hz Single-Phase

Motor Rating: Continuous running with liquid at 35 °C max and pump completely submerged

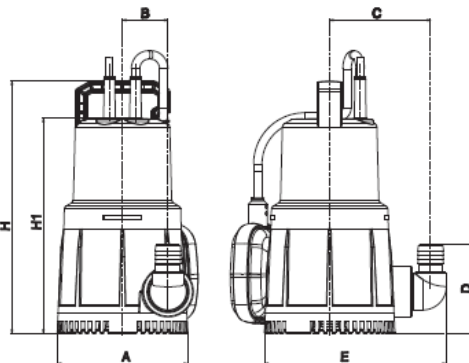
- Complete with a 25mm hose connection elbow.
- Supplied loose

MATERIALS

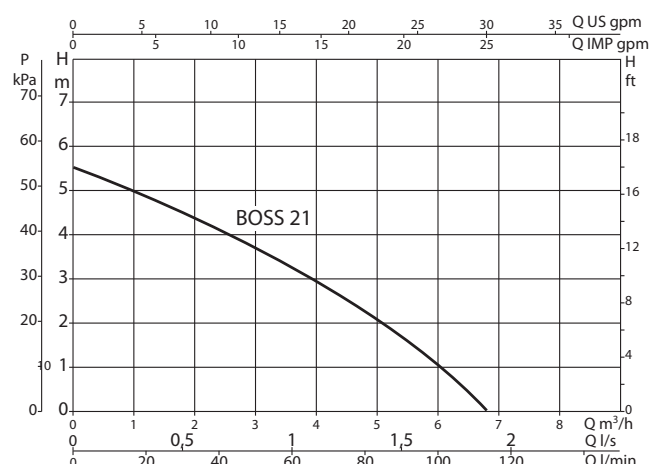
PARTS IN CONTACT WITH THE PUMPED LIQUID	MATERIALS
PUMP BODY	TECHNOPOLYMER
IMPELLER	TECHNOPOLYMER
MOTOR SHAFT	STAINLESS STEEL AISI 304
O-RING GASKET	NBR
MOTOR CASING	STAINLESS STEEL AISI 304
FLOAT CONTROL	TECHNOPOLYMER
CABLE	HO7 RN-F (PCP TYPE EM2)

DIMENSIONS

MODEL (mm)	A	B	D	H	H1	E	DIA DNM	PACKAGING DIM L/A	L/B	H	WEIGHT KG
BOSS 21	150	50	90	220	210	200	1 1/4" F BSP	160	195	260	3.5



PERFORMANCE



AMS Pumps
BSS | Specialist in Pumping Systems

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