

MODEL
BOSS 21 VOX
Code: 80630021

SUBMERSIBLE PUMP FOR DRAINAGE APPLICATIONS

HEAD
UP TO
6.5MTS

FLOW
UP TO
3 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 VOX

TECHNICAL SPECIFICATION



| | |
|-----------------------|-------------------|
| HEAD UP TO | 6.5 METRES |
| FLOW UP TO | 3 L/SEC |
| CLOSED VALVE | 7 METRES |
| MIN SUMP DIMENSION MM | H335 x W400x D400 |
| OUTLET SIZE | 1 1/4" F BSP |
| IMMERSION DEPTH MAX | 10 METRES |
| MIN WATER LEVEL | 65 MM (auto) |
| SOLIDS HANDLING | 20 MM |
| MAX LIQUID TEMP | 35°C |
| MOTOR SIZE | 0.44 KW |
| MAINS SUPPLY | 230 VOLT |
| RUNNING CURRENT | 3.2 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 20mm 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

Standard Voltage: 230 Volt 50Hz Single-Phase

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

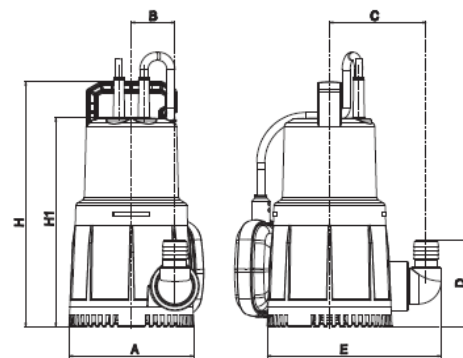
- Complete with a 30mm hose connection elbow.
- Supplied loose

MATERIALS

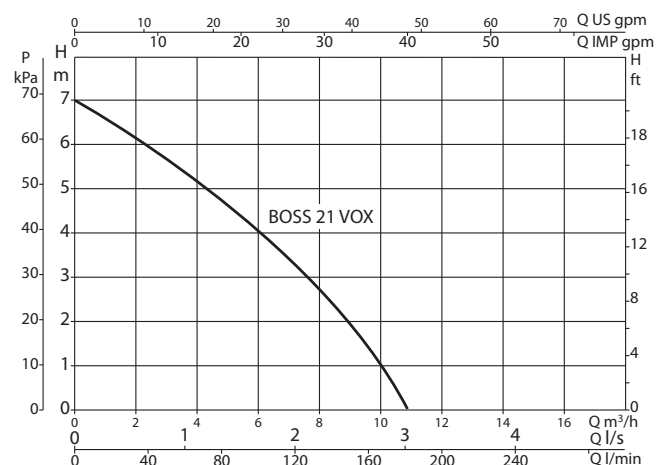
| PARTS IN CONTACT WITH THE PUMPED LIQUID | MATERIALS |
|---|--------------------------|
| PUMP BODY | TECHNOPOLYMER |
| IMPELLER | TECHNOPOLYMER |
| MOTOR SHAFT | STAINLESS STEEL AISI 304 |
| O-RING GASKET | NBR |
| MOTOR CASING | STAINLESS STEEL AISI 304 |
| FLOAT CONTROL | TECHNOPOLYMER |
| CABLE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

DIMENSIONS

| MODEL (mm) | A | B | D | H | H1 | E | DIA DN | PACKAGING DIM L/A L/B H | WEIGHT KG |
|-------------|-----|----|-----|-----|-----|-----|--------------|-------------------------|-----------|
| BOSS 21 VOX | 150 | 50 | 110 | 255 | 240 | 200 | 1 1/4" F BSP | 160 195 260 | 4.4 |



PERFORMANCE



AMS Pumps
BSS | Specialist in Pumping Systems

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