

MODEL

**BOSS 36 - 110 Volt**

Code: 80630054

**BOSS 36 - 230 Volt**

Code: 80630065

## SUBMERSIBLE PUMPS FOR DRAINAGE APPLICATIONS

HEAD  
UP TO  
8.8MTS

FLOW  
UP TO  
3.1 L/S

FLOAT  
AUTO  
INTEG

SUPPLY  
VOLTS  
1 PH

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 integral  
float control

### CAPABILITY



Low suction depth  
2-3 mm on manual

### INSTALLATION



Fitted with 10 Metres  
of mains cable

# BOSS 36

## TECHNICAL SPECIFICATION



HEAD UP TO	8.8 METRES
FLOW UP TO	3.1 L/SEC
CLOSED VALVE	9 METRES
MIN SUMP DIMENSION MM	H350 x W200 x D200
OUTLET SIZE	1 1/4" M BSP
IMMERSION DEPTH MAX	10 METRES
MIN WATER LEVEL	2-3 MM (manual)
SOLIDS HANDLING	5 MM
MAX LIQUID TEMP	40°C
MOTOR SIZE	0.4 KW
MAINS SUPPLY	110 or 230 VOLT
RUNNING CURRENT AMPS	110 V - 5.9 230 V - 2.6
FLOAT SWITCH	YES INTEGRAL
SUPPLY CABLE	10 METRES

### APPLICATIONS

Multi purpose submersible electric drainage pump manufactured in rust free anti-corrosion material. Uniquely designed for installation in restricted areas down to 200mm x 200mm. Designed for pumping clear water containing solids in suspension up to a maximum of 5mm in diameter.

Features a fully integrated float switch for automatic operation with switchable control from manual to automatic. Also features a removable cover for cleaning of the float switch mechanism and ultra low suction capability of 2-3mm when in manual mode.

Ideal for cellar drainage, pumping out flooded areas and compact sump drainage.

### CONSTRUCTION FEATURES OF THE PUMP

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

Motor shaft double 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.

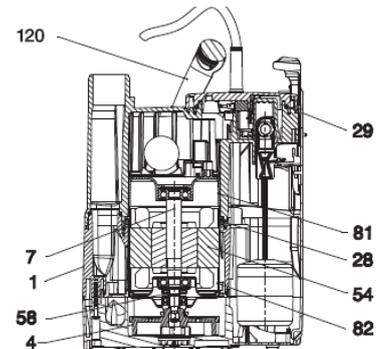
Constructed in accordance with the IEC 2-3 IEC61-69 (EN 60335-2-41) standards.

Motor Protection Class: IP68      Insulation Class: F  
Voltage Options: 110 Volt or 230 Volt    Single-Phase 50 Hz Options  
Motor Rating: Continuously even with the motor partially submerged



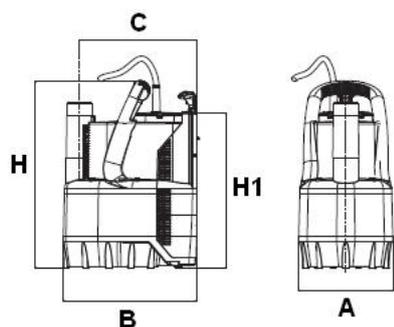
### MATERIALS

NO.	PARTS IN CONTACT WITH THE PUMPED LIQUID	MATERIALS
1	PUMP BODY	TECHNOPOLYMER
4	IMPELLER	TECHNOPOLYMER
7	MOTOR SHAFT	STAINLESS STEEL AISI 416
28	O-RING GASKET	NBR
29	O-RING GASKET	NBR
54	MOTOR CASING	STEEL
58	CERAMIC BUSH	STAINLESS STEEL AISI 416
81	UPPER BEARING SUPPORT	CAST ALLUMINIUM
82	LOWER BEARING SUPPORT	CAST ALLUMINIUM
120	HANDLE	PP20Tc
	CABLE	HO7 RN-F (PCP TYPE EM2)

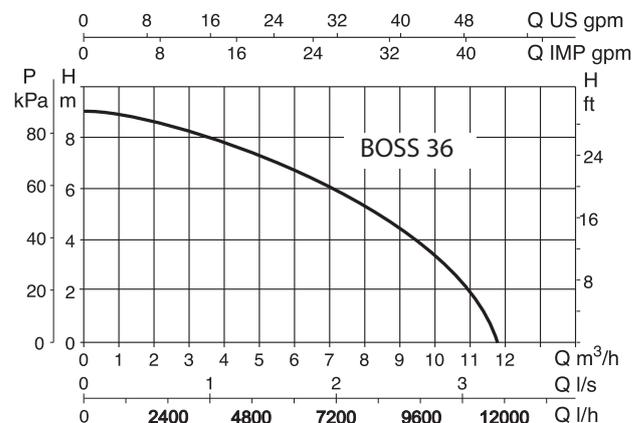


### DIMENSIONS

MODEL (mm)	A	B	C	H	H1	E	DIA DNM	PACKAGING DIM			WEIGHT KG
								L/A	L/B	H	
BOSS 36	158	225	200	400	265	200	1 1/4" M BSP	190	220	330	5.1



### PERFORMANCE



- Complete with multi-stepped discharge pipe connector and non return flap valve. Supplied loose

# AMS Pumps

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