PRODUCT PROFILE

ELECTRONIC PRESSURE SYSTEM
BIA-INOXG60MPCX - 802818

The pump is a surface mounted pressure system pump supplied ready to install.

The pump is characterised by:
• Includes fully electronic pump controller for automatic pump starting, stopping and restart after power loss and water loss.
• Run dry protection to prevent pump damage
• Automatic electronic control has in-built check valve to prevent water backflow through the pump.
• Corrosion resistant pump body, diffuser and impeller to ensure pump durability
• High quality mechanical shaft seal and high quality bearings
• 240V single phase TEFC motor with in-built auto reset thermal overload to prevent the pump from overheating.

Applications
• Suitable for small scale garden irrigation and tank transfer
• The unit must be used in flooded suction applications only.

Package Information
• 8 kg
• L 400mm x W 235 mm x H 445mm

Liquid:
Liquid Type: Clean Water
Clean water temperature range: 2 – 40°C

Materials:
Pump body: Stainless Steel 304,
Jet/Venturi, Diffuser, Impeller: Noryl Glass Reinforced
Mechanical seal: Carbon/Ceramic/Nitrile
O rings: Nitrile
Power Cable: 1.5m Cable H05 3G1.0

Installation:
Maximum ambient temperature: 40°C
Maximum operating pressure: 6 bar
Pipe connections suction/discharge: 1” BSPF / 1” BSPM

Liquid:

Electrical data:
Rated voltage: 220 (-6%) -240V (+6%)
Mains frequency: 50 Hz
P2 (kW): 0.45 (Shaft Power)
Current: 4 amps
Capacitor: 16 uF
Motor duty: Continuous
Motor type: Asynchronous, TEFC
Motor protection: In-built thermal overload
Ingress protection: IP X4
Insulation class: F

Hydraulic Data:
Max Head: 37m
Max Flow: 55 l/min
Number taps: 5

Liquid:

Electrical data:

Hydraulic Data:

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[Diagram of pump and controller]