PRODUCT PROFILE
ELECTRONIC PRESSURE SYSTEM
BIA-INOX90S2MPCX - 802802

The pump is a self-priming surface mounted pressure system pump supplied with plug and play leads (IEC type). The self-priming ability provides excellent suction capacity of up to 9m. Used especially for supplying water to domestic installations.

The pump is characterised by:
- Automatic electronic pump control fitted and wired with plug and play leads so a licensed electrician is not required during installation.
- 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
- Used especially for supplying water to domestic installations and applications where a suction lift is required.

Package Information
- 11.5 kg
- L 420mm x W 230mm x H 460mm

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

Materials:
Pump body, Impeller: Stainless Steel 304,
Jet/Venturi, Diffuser :Noryl Glass Reinforced
Mechanical seal: Carbon/Ceramic/Nitrile
O rings: Nitrile
Power Cable: 2m Cable H05 3G1.0

Installation:
Maximum ambient temperature: 40oC
Maximum operating pressure: 6 bar
Pipe connections suction/discharge: 1” BSPF / 1” BSPM
Dimensions: 420mm L x 460mm H x 230mm W

Electrical data:
Rated voltage: 220 (-6%) -240V (+6%)
Mains frequency: 50 Hz
P2 (kW): 0.9 (Shaft Power)
Current: 6 amps
Capacitor: 25 uF
Motor duty: Continuous
Motor type: Asynchronous, TEFC
Motor protection: In-built thermal overload
Ingress protection: IP X4
Insulation class: F
Net weight: 13 kg

Hydraulic Data:
Max Head: 46m
Max Flow: 68 l/min
Number taps: 6

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<th>DN2</th>
<th>A (mm)</th>
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<th>C (mm)</th>
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