



DS: 10-07-06  
 Subject: BIANCO...  
 PRESSURE SYSTEM  
**MODEL: BIA-INOX80PC**  
 Distribution: ALL

## PRODUCT PROFILE



The pump is a self-priming pressure system pump supplied wired and ready to install. The self-priming ability provides excellent suction capacity. Used especially for supplying water to domestic installations.

The pump is characterised by:

- Automatic electronic pump control fitted and wired.
- Automatic electronic control provides run dry protection and constant pressure at low flows. Automatic electronic control has in-built check valve.
- Corrosion resistant pump body, diffuser and impeller.
- Mechanical shaft seal.
- 240V single phase TEFC motor with in-built auto reset thermal overload.

### Liquid:

Clean water temperature range:

2 – 35 deg C

### Materials:

Pump body, Diffuser, Impeller:

Stainless Steel, Technopolymer

Mechanical seal:

Carbon/Ceramic/Nitrile

O rings:

Nitrile

### Installation:

Maximum ambient temperature:

40 deg C

Maximum operating pressure

6 bar

Pipe connections suction/discharge:

1" BSP F / 1" BSP M

### Electrical data:

Rated voltage: 240V

Mains frequency: 50 Hz

Current: 2.6 amps

Capacitor: 20 uF

Motor duty: Continuous

Motor type: Asynchronous, TEFC

Motor protection: In-built thermal overload

Ingress protection: IP 54

Insulation class: F

Power cable length: 1.2 m

Net weight: 9.1 kg

Dimensions: 340mm L x 405mm H x 230mm W

### Pump Performance.

Model/Part No	Nominal Pressure	Total Suction Head (m)				P/Switch Set (kpa)	Max Pump	Connections Inlet x Outlet	Package Dimensions	Weight (kg)
		0	3	5	6					
BIA-INOX60PC ☼☼☼☼	120kpa 17psi	36	28	24	21	120-320	320kpa	25 x 25mm	490 x 210 x 260mm	9.1
BIA-INOX80PC ☼☼☼☼☼	150kpa 22psi	43	34	28	25	150-400	400kpa	25 x 25mm	490 x 210 x 260mm	9.1
BIA-INOX120PC ☼☼☼☼☼☼	120kpa 17psi	50	39	33	29	120-430	430kpa	25 x 25mm	490 x 210 x 260mm	9.8

Note: The taps shown above have been calculated at 8 litres per minute.



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