



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.
- 2.2bar pump cut in for greater versatility.
- 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.

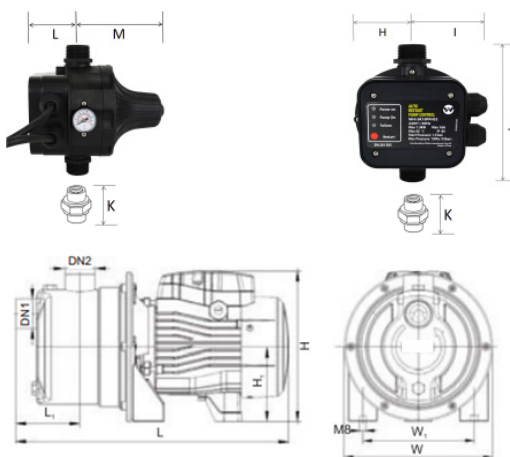
**Applications**

- 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

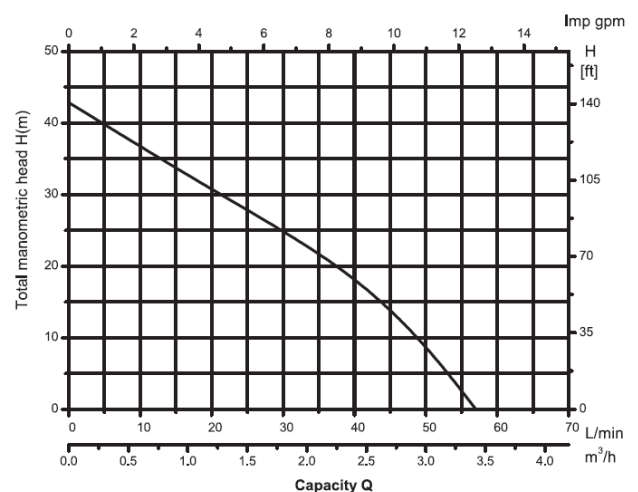
Liquid:	Electrical data:
Liquid Type: Clean Water Clean water temperature range: 2 – 40oC	Rated voltage: 220 (-6%) -240V (+6%) Mains frequency: 50 Hz P2 (kW): 0.6 (Shaft Power) Current: 4 amps Capacitor: 16 uF Motor duty: Continuous Motor type: Asynchronous, TEFC Motor protection: In-built thermal overload Ingress protection: IP X4 Insulation class: F Net weight: 11 kg
Materials:	Hydraulic Data:
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	Max Head: <b>43m</b> Max Flow: <b>62 l/min</b> Number taps: 5
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	



DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
1"	1"	376	200	214	88.5	140	107

H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
64	81	177	70	62	116

**BIA-INOX60S2MPCX**





# INOX45

## BIANCO STAINLESS STEEL JET PUMP WITH ELECTRONIC PUMP CONTROLLER

The pump is a self-priming surface mounted pressure system and has a suction capability of up to 8m. Used for supplying water to domestic installations and applications where a suction lift is required.

### FEATURES:

- The new nXt intelligent electronic pump control is fitted and wired to the pump with plug and play leads for automatic starting, stopping and restarting after power loss or water loss
- Run dry protection to prevent pump damage
- The nXt controller has an in-built check valve to prevent water back-flow through the pump
- Corrosion resistant pump body, diffuser and impeller to ensure pump durability
- 240V single phase TEFC motor with in-built auto reset thermal overload to prevent pump from damage
- A pressure tank is recommended

### MATERIALS IN CONTACT WITH DRINKING WATER PUMP

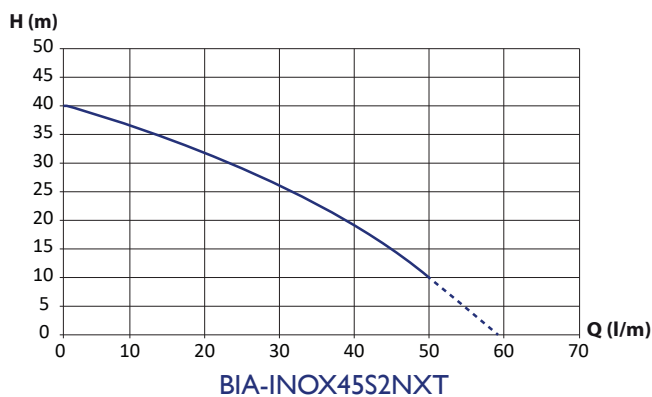
Pump Body:	Stainless Steel 304
Impeller:	Glass reinforced Noryl
Jet, Venturi, Diffuser:	Glass reinforced Noryl
Mechanical Seal:	Glass reinforced Noryl
O Rings:	Nitrile

### CONTROLLER

Controller Body:	Glass reinforced Noryl
Diaphragm:	Butyl (TPV)
Ports, NRV:	Glass reinforced Noryl
Spring:	Stainless Steel
Pressure Sensor:	Brass OT58

### PACKAGE INFO

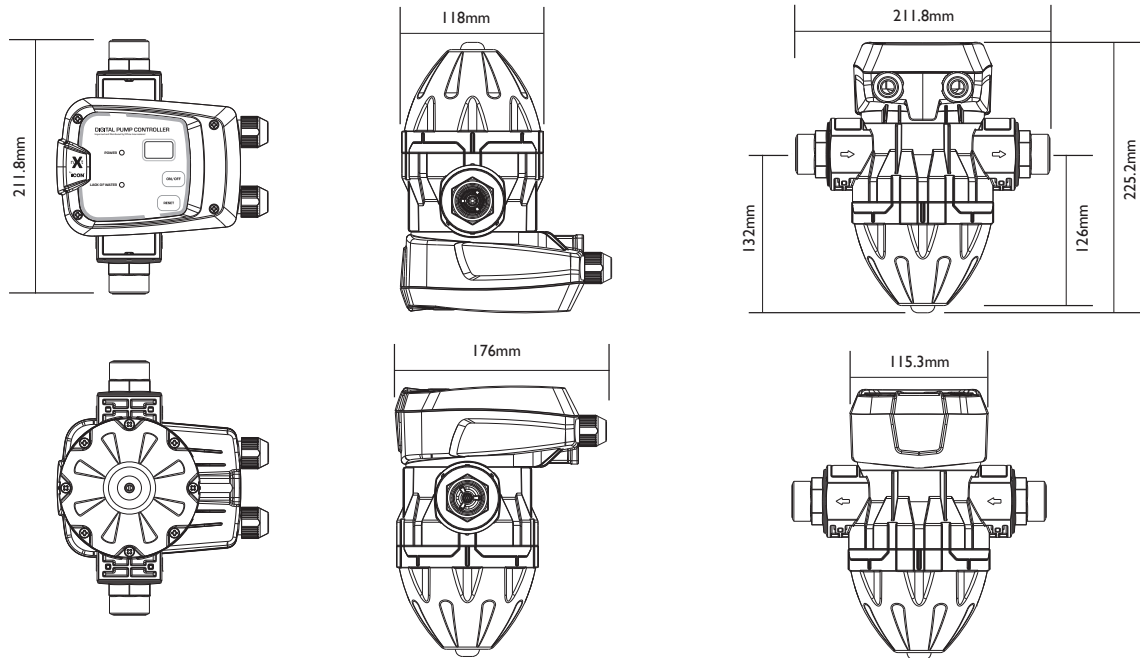
Weight:	11kg
Carton Dimensions:	420mm L x 230mm W x 460mm H



### ✓ SPECIFICATIONS

- Max head (m): 40
- Max flow (lpm): 50
- Taps: 5 (Small to medium homes)
- Power: 0.45kw (0.6hp)
- Ports: 25mm x 25mm (1"x1") BSP
- Start Pressure (bar): 2.2
- Volts: 240





### The nXt series of pump controls represents the next step in pressurised pump control.

Designed and tested in Australia to ensure operation in the toughest of environments, combining innovative technology with robust proven architecture to guarantee constant supply of pressurised water when and where you need it the most.

Ideal for pumps supplying clean, non-volatile liquids without fibers or solids in applications such as:

- Household water supply
- Irrigation
- Water transfer
- Washing systems
- Pressure boosting

### Features:

- Digital display gives you a real time indication of system pressure
- Built in protection to prevent the motor from starting and stopping too often
- Dry run protection with auto restart function that tests for water availability every 24hrs
- Anti-seize function if pump has not operated for some time
- Controller automatically restarts pump after a power failure
- Easy assembly and removal using push-n-connect fitting with U clip
- Complies to AS/NZ 4020 drinking water standard
- Auto restart function when dry run occurs
- Over pressure protection
- Overload protection

	NXT
Function	ON/OFF
Modes	1
Size	1.5Kw
Rated Voltage	220-240V AC
Max Amps	10
Rated Power	1500w
Rating	IP65
Union Size	1"
Start Pressure	2.2 bar (32PSi)
Stop Pressure	on no flow
Max Pressure	10 bar (145PSI)
Max Liquid Temp	40°C
Cable to Pump	Plug and Play
Flylead for Pump	When sold as control only
Power Cable	10AMP
Communication	-
Accessories (Sold Separately)	-
	1 1/4" Union Kit

