



Fitment of a 3, 8 or 18 litre pressure vessel is encouraged to reduce pump starts and save energy.

PRODUCT DETAILS

The DAB JINOX112CORE pairs the stainless steel, self-priming JINOX112M centrifugal pressure pump with the BIANCO NXT CORE pump controller.

Particularly suited to water supply in domestic installations, small-scale agriculture, gardening and wherever self-priming operation is required.

DAB Jinox pumps are renowned for their unique self priming and extraordinary deep suction capability; up to 8 metres at sea level.

APPLICATIONS

- Household water supply - medium to large dwellings
- Light garden irrigation
- Water transfer
- Washing systems
- Pressure boosting

PUMP FEATURES

- Motor support in cast iron, technopolymer impeller, diffuser, Venturi tube and sand guard. Stainless steel adjustment rings and pump body
- Carbon/ceramic mechanical seal.
- Asynchronous motor closed and cooled by external ventilation. Max Ambient temp 40 deg C
- Built-in thermal and current overload protection and a capacitor permanently on in the single-phase versions.

TECHNICAL DATA

| | |
|------------------------|-----------------------------|
| OUTPUT POWER (KW) | 1.0kW P2 |
| MAX. HEAD [M] | 61M |
| MAX. FLOW L/MIN | 60 l/min |
| MAX PRESSURE - PUMP | 8 bar |
| MAX PRESSURE - CONTROL | 10 bar |
| LIQUID TEMPERATURE | 2 - 35 deg C |
| MOTOR | Asynchronous TEFC |
| MOTOR INSULATION | F Class insulation |
| MOTOR PROTECTION | In-built thermal overload |
| PROTECTION CLASS | IP44. Terminal board I.P.55 |

| | |
|---------------------|--|
| RATED VOLTAGE | 220 - 240V 1Ph 50 Hz |
| RATED CURRENT | 6.2A |
| CAPACITOR | 25uF 450V |
| POWER CABLE | 1.5m long 10 amp rated H05 flex 10 amp 3 pin plug |
| PUMP BODY | AISI 304 X5 Cr Ni 1810 UNI 6900/71 |
| INTERNALS | Technopolymer A |
| MECHANICAL SEAL | Carbon/Ceramic |
| AUTOMATIC OPERATION | Yes: BIANCO NXT CORE |
| PACKAGE DIMENSION | L470 x W240 x H240mm |
| GROSS WEIGHT (KG) | 10.6kg pump, 1.6kg controller |



PRODUCT DETAILS

BIANCO NXT Core is a single pump, digital, electronic pump pressure controller.

The pump starts as pressure falls to a user adjustable level.

The pump will stop when flow falls to less than 1 l/min.

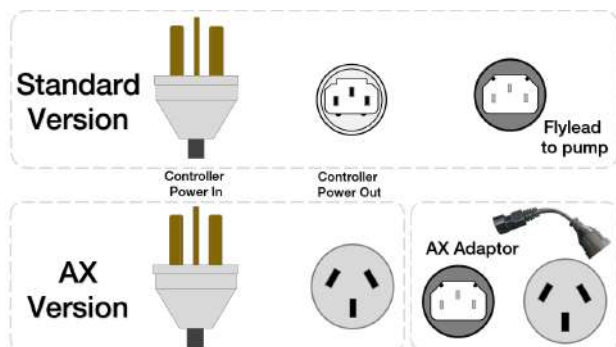
NXT Core has a digital display to provide information about the running state incorporates. It has inbuilt 'dry-run' protection and an automatic restart sequence. Extremely simple to use with push button operation.

APPLICATIONS

- Control of domestic pressure pumps up to 1.5kW
- Suitable for clean, non-volatile liquids without fibres or solids
- Potable water
- Rainwater reuse

FEATURES

- Default 2.2 bar cut in (user adjustable)
- Digital pressure gauge for real time indication of system pressure
- Swivel Unions
- Anti-cycle protection
- Dry run protection with auto restart function
- No reactive metal parts in contact with the water

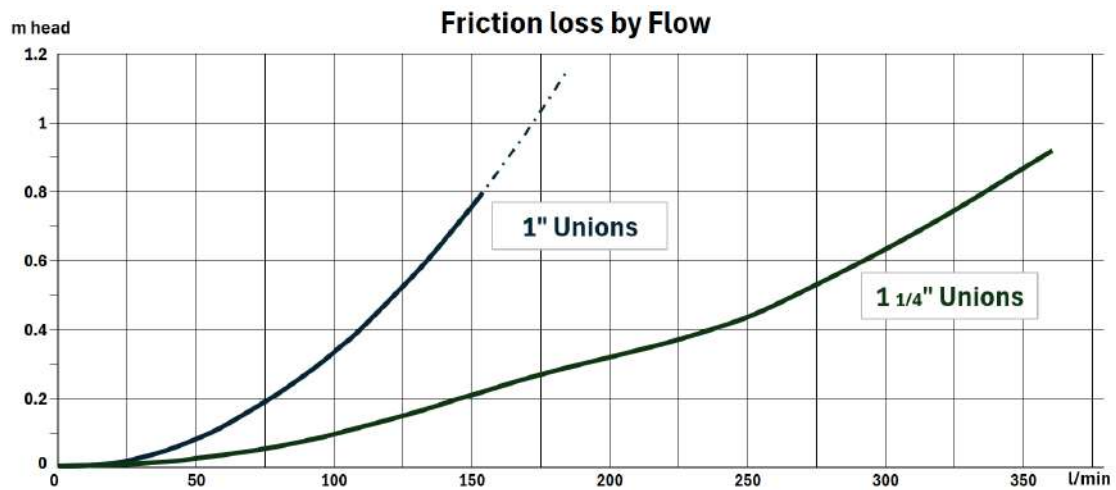


TECHNICAL DATA

| | |
|--------------------|-------------------------|
| INPUT VOLTAGE | 220 - 240 AC 1 Phase |
| MAX. WORKING TEMP | 35 deg C |
| MAX TEMP | 60 deg C |
| MAX RATED PRESSURE | 10 bar |
| MAX RATED FLOW | >150 l/m @ 0.8 bar loss |
| INLET/OUTLET | 1" BSPM / 1" BSPM |
| NET WEIGHT | 1.6kg |

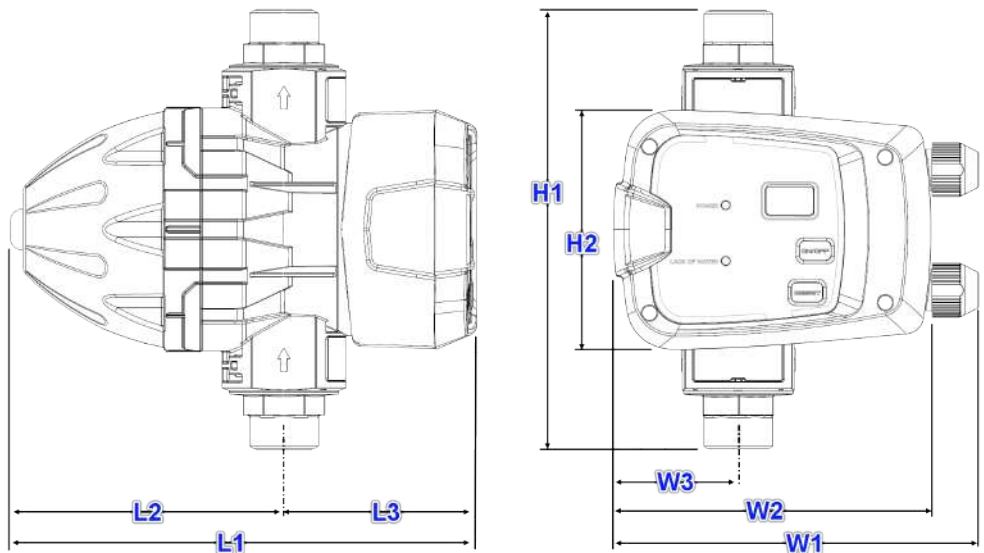
| | |
|------------------------|------------------------------|
| MAXIMUM CURRENT | 10 Amps |
| NOMINAL PUMP POWER | 1.5kW |
| INGRESS PROTECTION | IP65 |
| AUTOMATIC | Yes, with dry run protection |
| DEFAULT START PRESSURE | 2.2 bar - adjustable |
| POWER CORD | 1.5m H05 |
| PACKAGING DIMENSIONS | 220 x 230 x 200 |

CONTROLLER CURVE



CONTROLLER DIMENSIONS

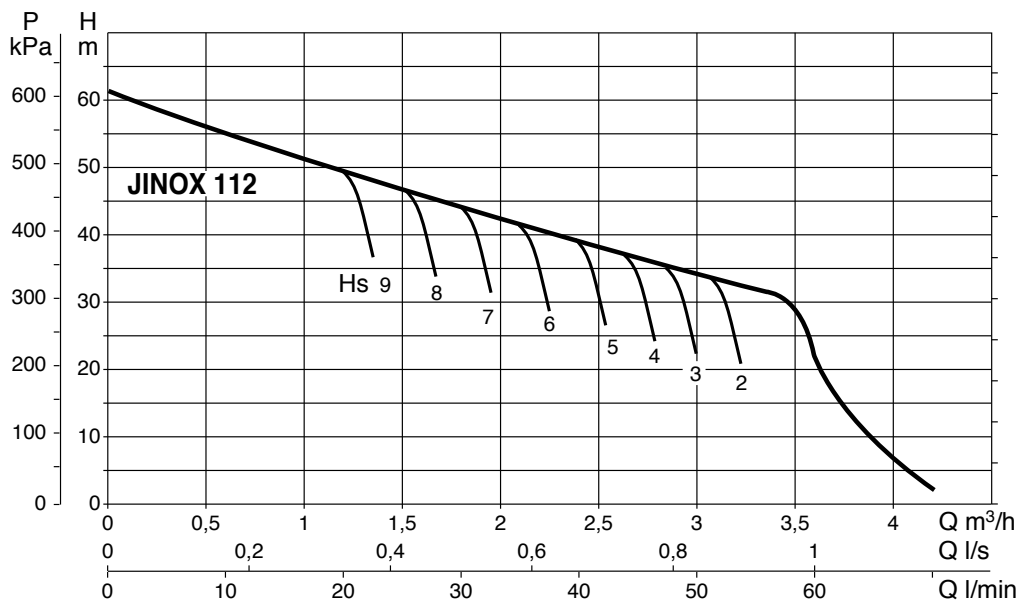
| DIMENSIONS | |
|------------|-------|
| H 1 | 212mm |
| H 2 | 115mm |
| W 1 | 175mm |
| W 2 | 152mm |
| W 3 | 57mm |
| L 1 | 225mm |
| L 2 | 132mm |
| L 3 | 93mm |



WARRANTY / CERTIFICATIONS

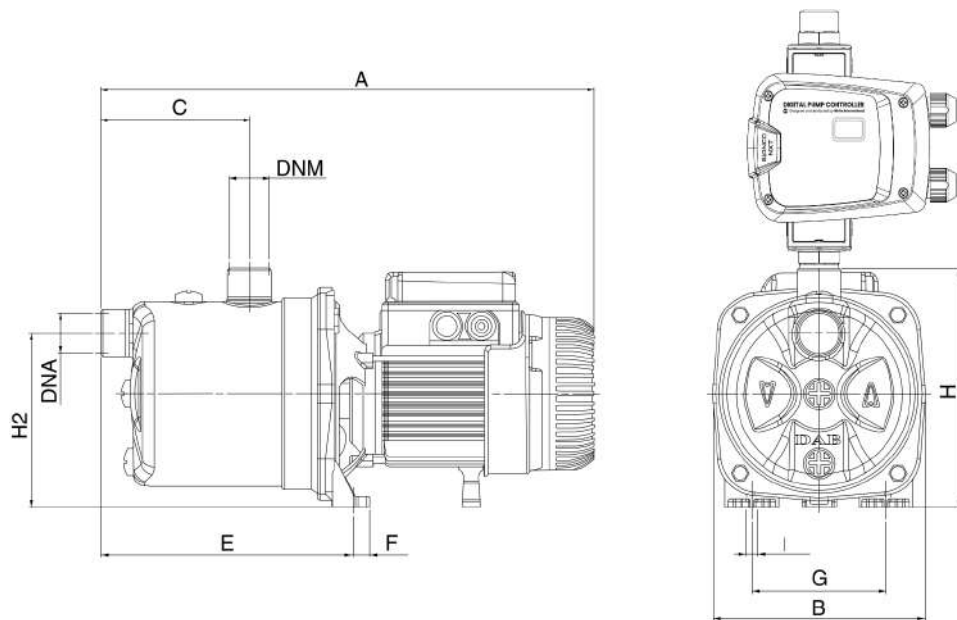


PUMP CURVE



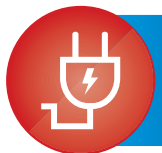
PUMP DIMENSIONS

| | |
|-----|--------|
| A | 424 |
| B | 174 |
| C | 122 |
| E | 207 |
| F | 14 |
| G | 111 |
| H | 197 |
| H2 | 144 |
| I | Dia 9 |
| DNA | 1" GAS |
| DNM | 1" GAS |



Height with controller fitted
H2 + approx 246mm = 390mm

WARRANTY / CERTIFICATIONS



COMPLIES TO AUSTRALIAN
ELECTRICAL STANDARDS

