

PRODUCT DETAILS

The DAB JETCOM102CORE pairs the composite, self-priming JETCOM102M centrifugal pressure pump with the highly versatile BIANCO NXT CORE dual mode pump controller. The NXT CORE offers unparalleled pump control and protection.

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

DAB Jetcom 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 larger dwellings
- Light garden irrigation
- Water transfer
- Washing systems
- Pressure boosting

PUMP FEATURES

- Motor support in cast iron, technopolymer pump body, impeller, diffuser, Venturi tube and sand guard. Stainless steel adjustment rings
- 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.

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

TECHNICAL DATA

| | |
|------------------------|-----------------------------|
| OUTPUT POWER (KW) | 0.75kW P2 |
| MAX. HEAD [M] | 53.8M |
| MAX. FLOW L/MIN | 60 l/min |
| MAX PRESSURE - PUMP | 6 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 | 5.1A |
| CAPACITOR | 16uF 450V |
| POWER CABLE | 1.5m long 10 amp rated H05 flex 10 amp 3 pin plug |
| PUMP BODY | Technopolymer A |
| INTERNALS | Technopolymer A |
| MECHANICAL SEAL | Carbon/Ceramic |
| AUTOMATIC OPERATION | Yes: BIANCO NXT CORE |
| PACKAGE DIMENSION | L470 x W240 x H240mm |
| GROSS WEIGHT (KG) | 9.5g 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.

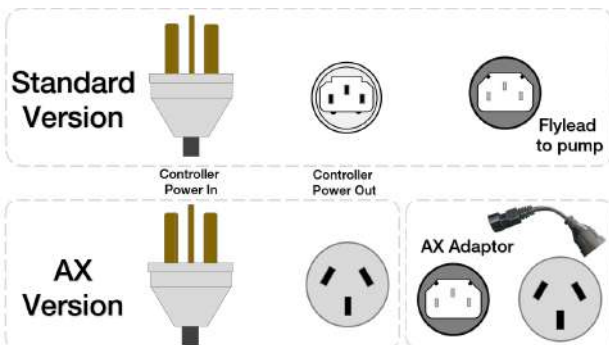
NXT Core has a digital display to provide information about the running state incorporates. It has inbuilt 'dry-run' protection and an automatic restart sequence. Extremely simple to use with push button operation.

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

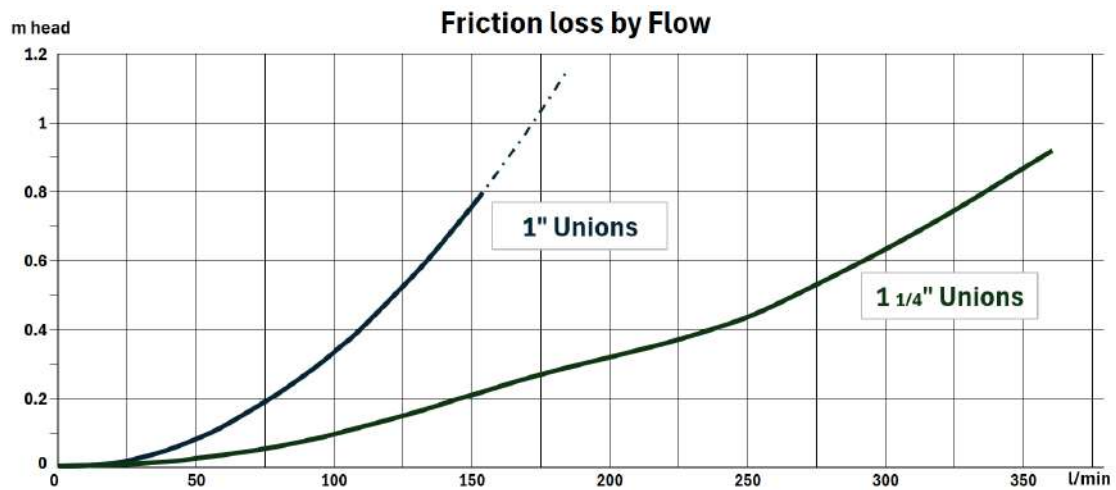


TECHNICAL DATA

| | |
|--------------------|-------------------------|
| 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 |

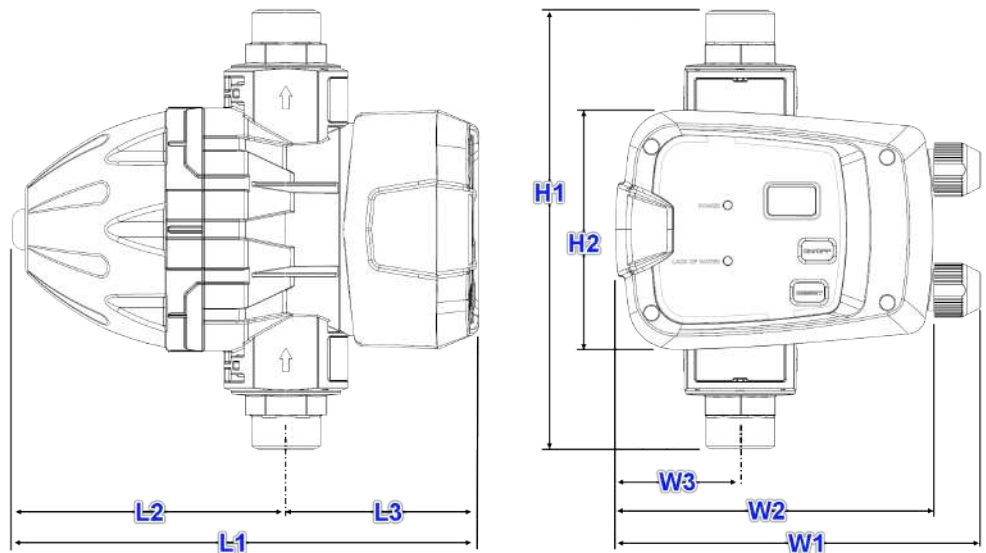
| | |
|------------------------|------------------------------|
| MAXIMUM CURRENT | 10 Amps |
| NOMINAL PUMP POWER | 1.5kW |
| INGRESS PROTECTION | IP65 |
| AUTOMATIC | Yes, with dry run protection |
| DEFAULT START PRESSURE | 2.2 bar - adjustable |
| POWER CORD | 1.5m H05 |
| PACKAGING DIMENSIONS |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

CONTROLLER CURVE



CONTROLLER DIMENSIONS

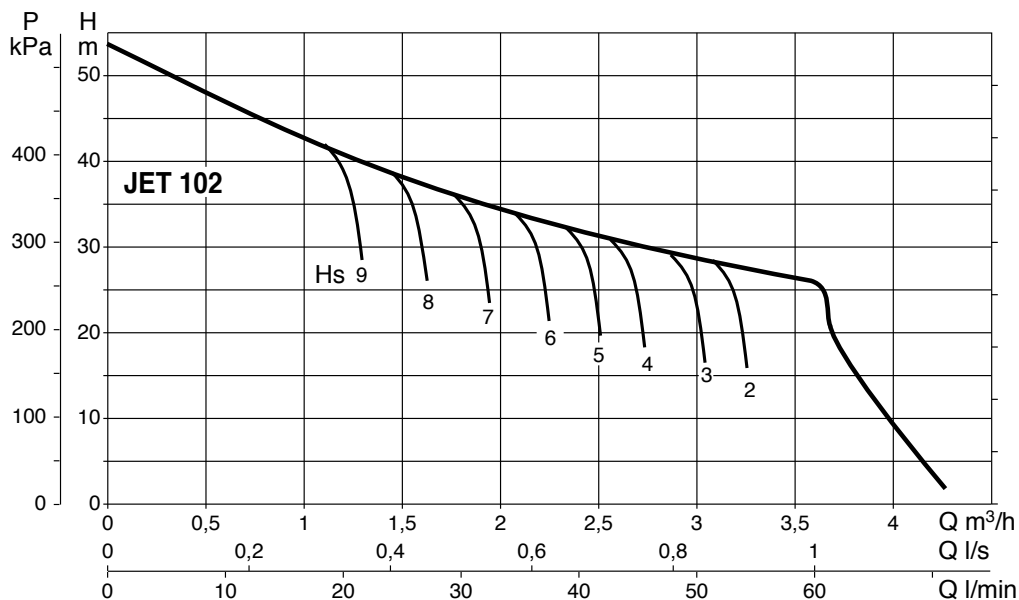
| DIMENSIONS | |
|------------|-------|
| H 1 | 212mm |
| H 2 | 115mm |
| W 1 | 175mm |
| W 2 | 152mm |
| W 3 | 57mm |
| L 1 | 225mm |
| L 2 | 132mm |
| L 3 | 93mm |



WARRANTY / CERTIFICATIONS

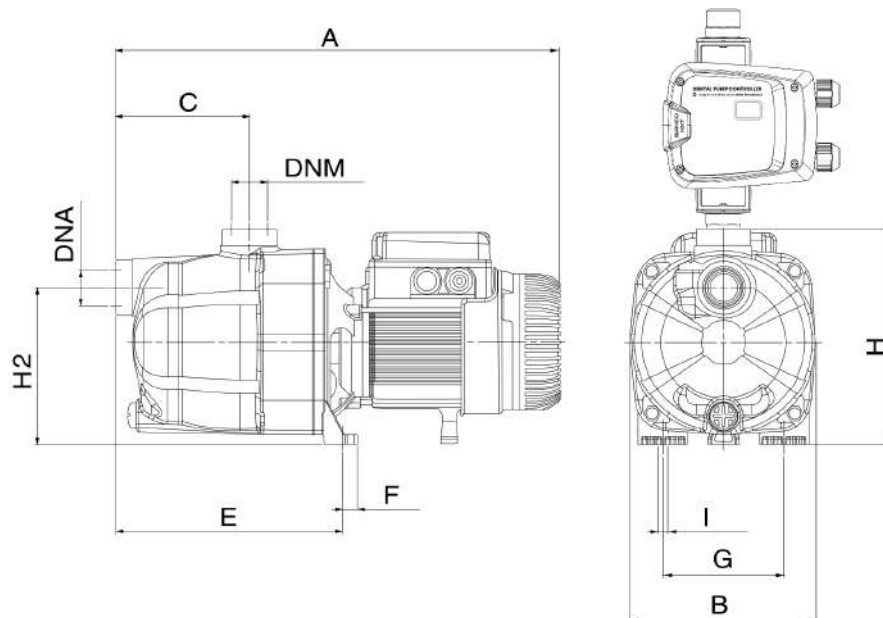


PUMP CURVE



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 228mm = 372mm

WARRANTY / CERTIFICATIONS

