

## PRODUCT DETAILS

The DAB JETCOM82CORE pairs the composite, self-priming JETCOM82M 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 - small to medium 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)	0.6kW P2
MAX. HEAD [M]	47M
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	3.8A
CAPACITOR	12.5uF 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)	7.7kg 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.

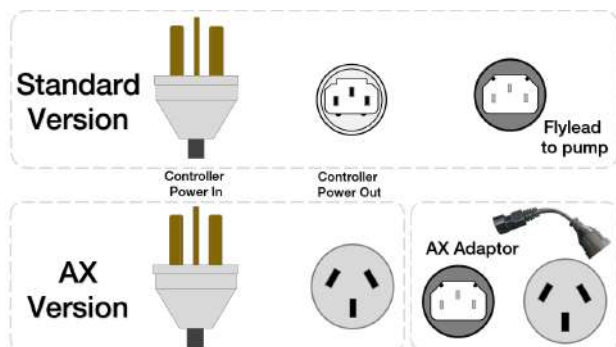
NXT Core has a digital display to provide information about the running state incorporates. It has inbuilt 'dry-run' protection and an automatic restart sequence. Extremely simple to use with push button operation.

## 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

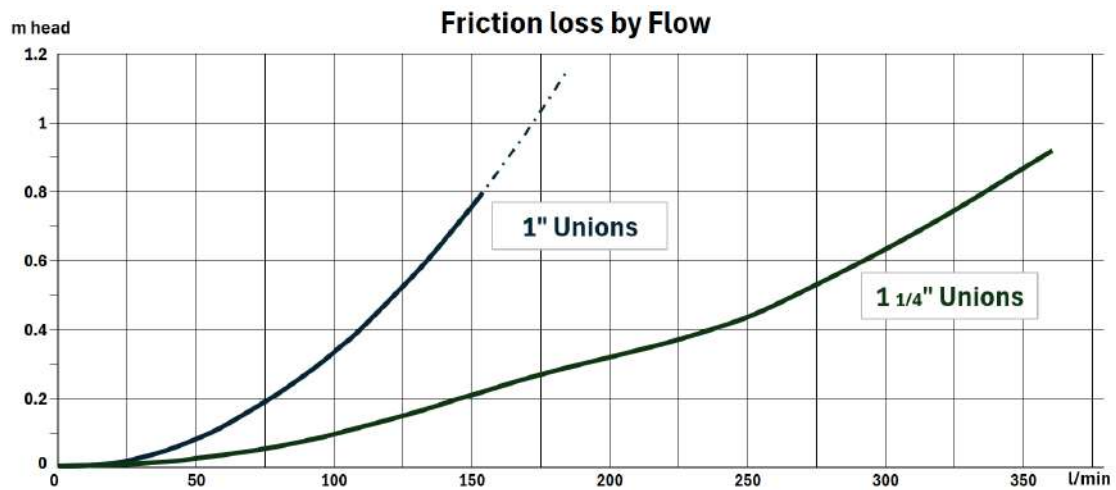


## TECHNICAL DATA

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

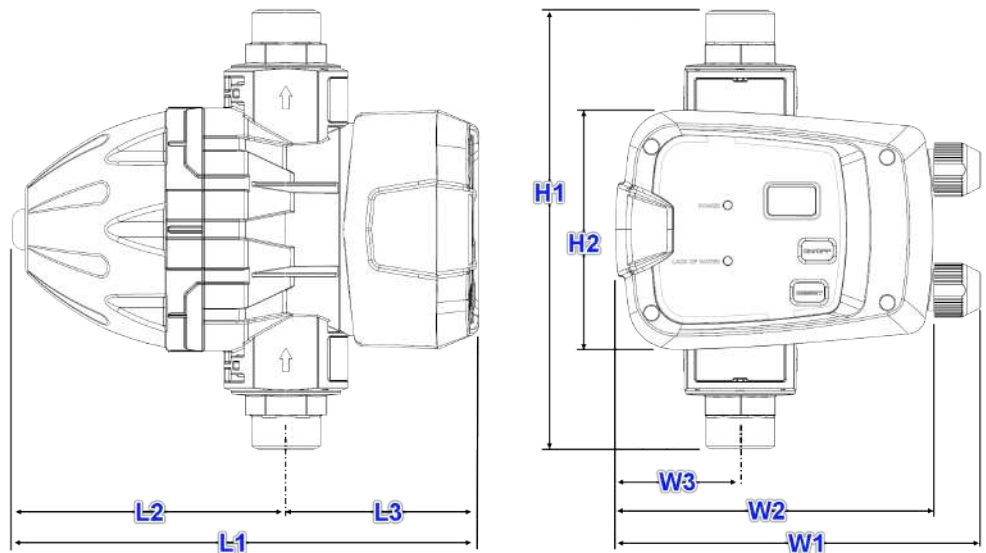
MAXIMUM CURRENT	10 Amps
NOMINAL PUMP POWER	1.5kW
INGRESS PROTECTION	IP65
AUTOMATIC	Yes, with dry run protection
DEFAULT START PRESSURE	2.2 bar - adjustable
POWER CORD	1.5m H05
PACKAGING DIMENSIONS	220 x 230 x 200

## CONTROLLER CURVE



## CONTROLLER DIMENSIONS

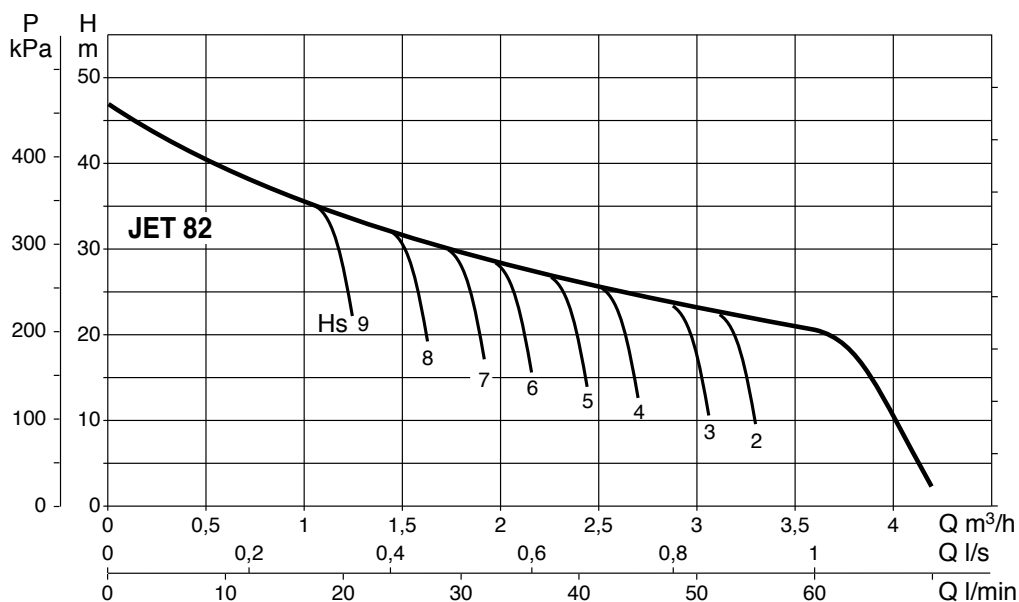
DIMENSIONS	
H 1	212mm
H 2	115mm
W 1	175mm
W 2	152mm
W 3	57mm
L 1	225mm
L 2	132mm
L 3	93mm



## WARRANTY / CERTIFICATIONS

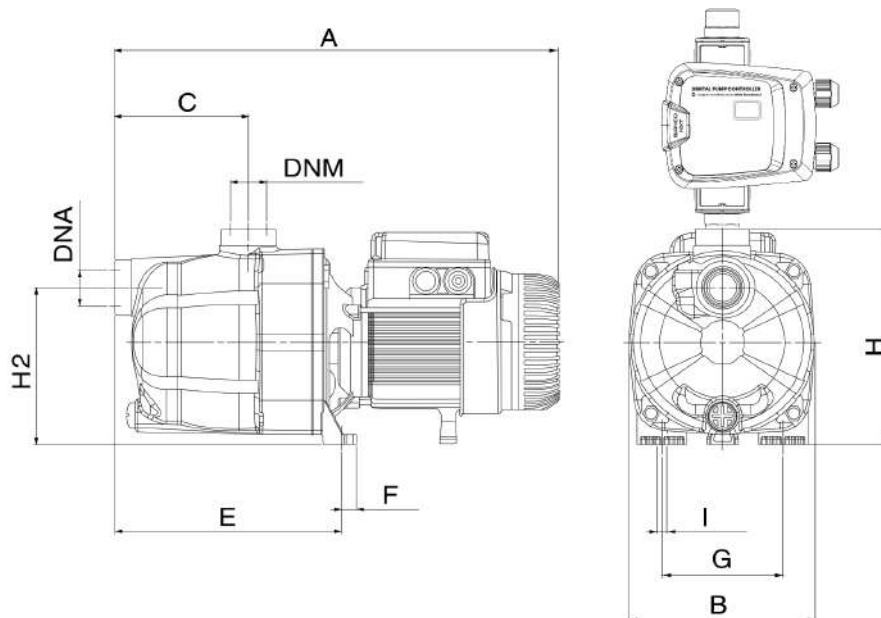


## PUMP CURVE



## PUMP DIMENSIONS

A	406
B	170
C	122
E	208
F	14
G	111
H	198
H2	144
I	Dia 9
DNA	1" GAS
DNM	1" GAS



Height with controller fitted  
H2 + approx 228mm = 372mm

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