



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

PRODUCT DETAILS

The DAB JINOX82CORE pairs the stainless steel, self-priming JINOX82M 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 - small to medium 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)	0.6kW P2
MAX. HEAD [M]	47M
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	3.8A
CAPACITOR	12.5uF 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)	7.8kg 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.

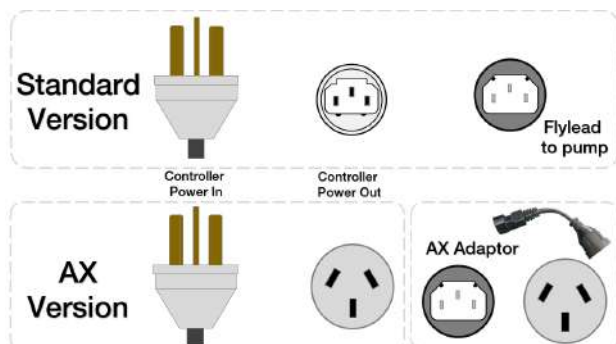
NXT Core has a digital display to provide information about the running state incorporates. It has inbuilt 'dry-run' protection and an automatic restart sequence. Extremely simple to use with push button operation.

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

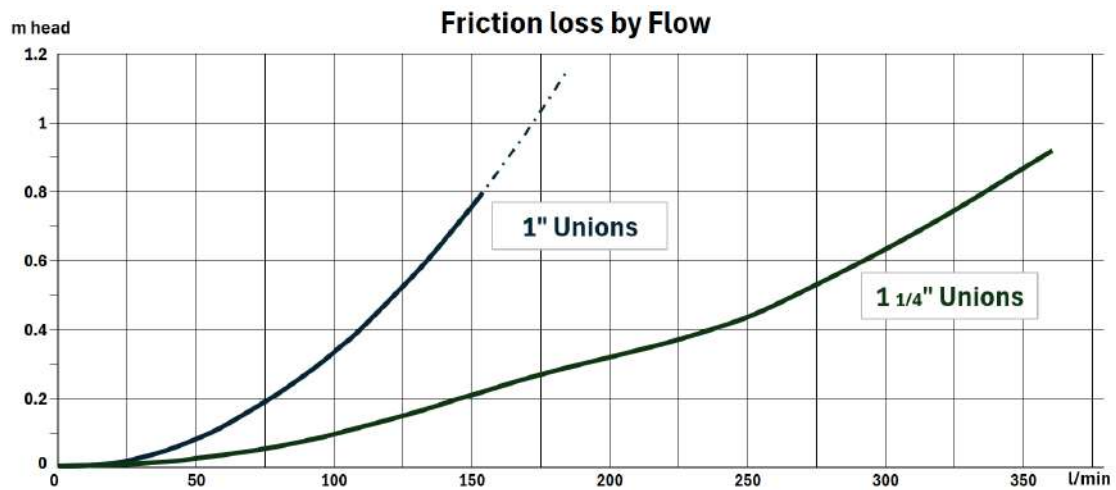


TECHNICAL DATA

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

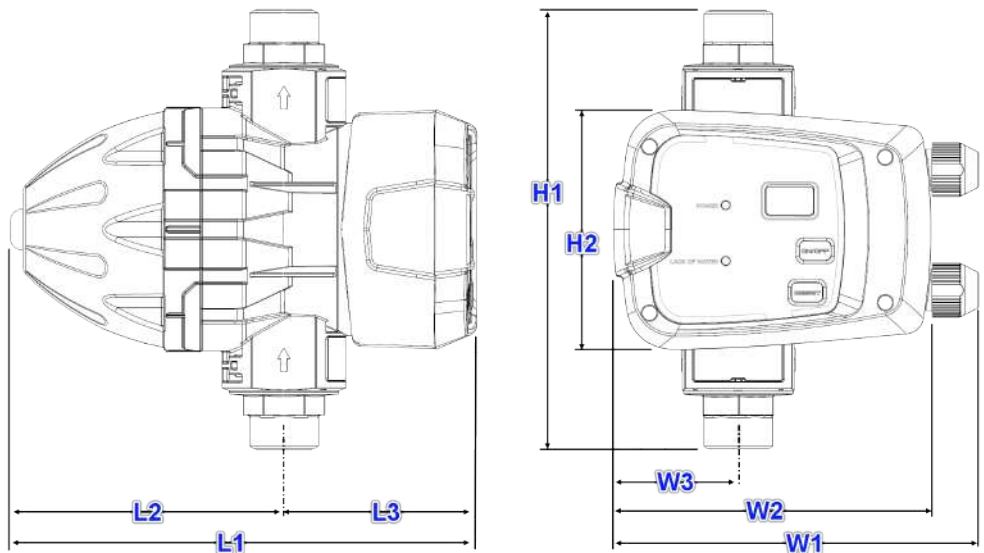
MAXIMUM CURRENT	10 Amps
NOMINAL PUMP POWER	1.5kW
INGRESS PROTECTION	IP65
AUTOMATIC	Yes, with dry run protection
DEFAULT START PRESSURE	2.2 bar - adjustable
POWER CORD	1.5m H05
PACKAGING DIMENSIONS	220 x 230 x 200

CONTROLLER CURVE



CONTROLLER DIMENSIONS

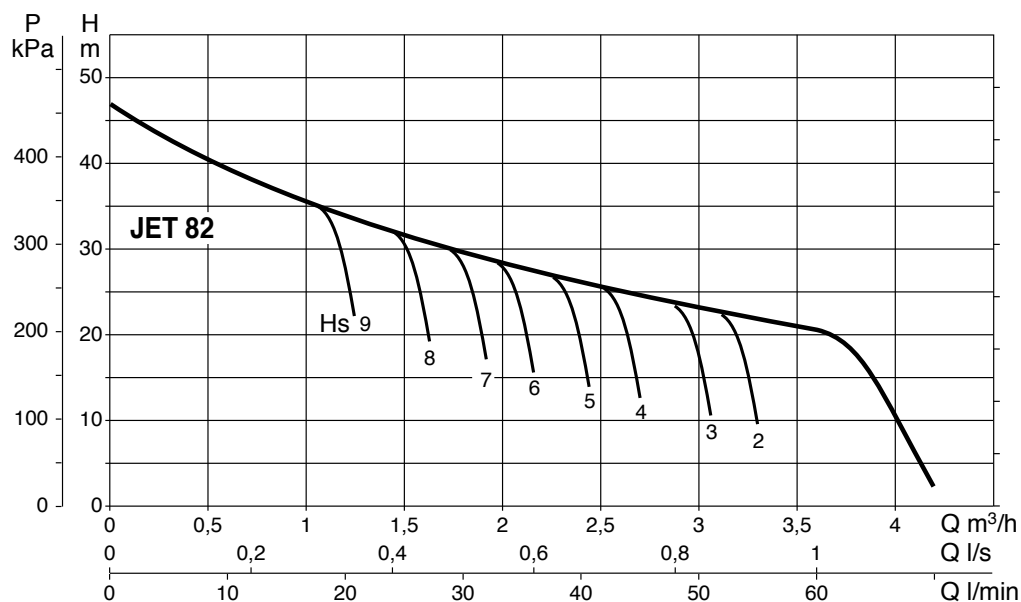
DIMENSIONS	
H 1	212mm
H 2	115mm
W 1	175mm
W 2	152mm
W 3	57mm
L 1	225mm
L 2	132mm
L 3	93mm



WARRANTY / CERTIFICATIONS

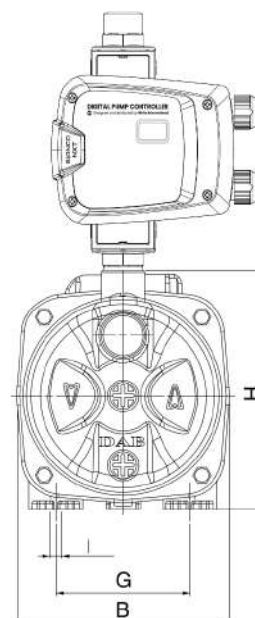
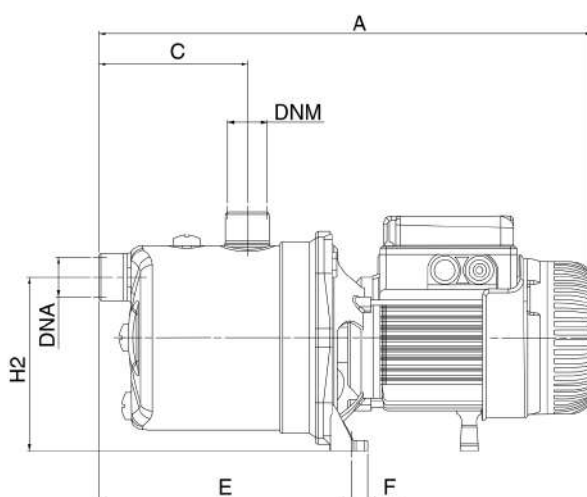


PUMP CURVE



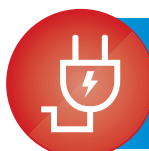
PUMP DIMENSIONS

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 246mm = 390mm

WARRANTY / CERTIFICATIONS



COMPLIES TO AUSTRALIAN
ELECTRICAL STANDARDS

