BiANCO NXT controls

PRODUCT DATA SHEET

BIA-PRO PLUS 808036

Fitment of a pressure tank to the system is encouraged in Mode 1 and mandatory for operation in Mode 2 and Mode 3

PRODUCT DETAILS

BiANCO NXT PRO PLUS is a digital, electronic dual pump controller with 3 modes of operation

Mode 1. Duty / Standby Pressure controller
- Starts as pressure falls to a user adjustable level.
- Stops when flow falls to less than 1 l/min.

Mode 2. Duty / Standby Pressure switch
- Starts and stops acording to user adjustable settings

Mode 3. Duty / Assist Pressure switch
- Each pump starts and stops acording to user adjustable pressure settings.

Full push-button programming and a digital display to provide information about the running state of the pump(s)

APPLICATIONS

- Control of dual single phase pressure pumps up to 2.2kW (16 amp) each
- Suitable for clean, non-volatile liquids without fibres or solids

FEATURES

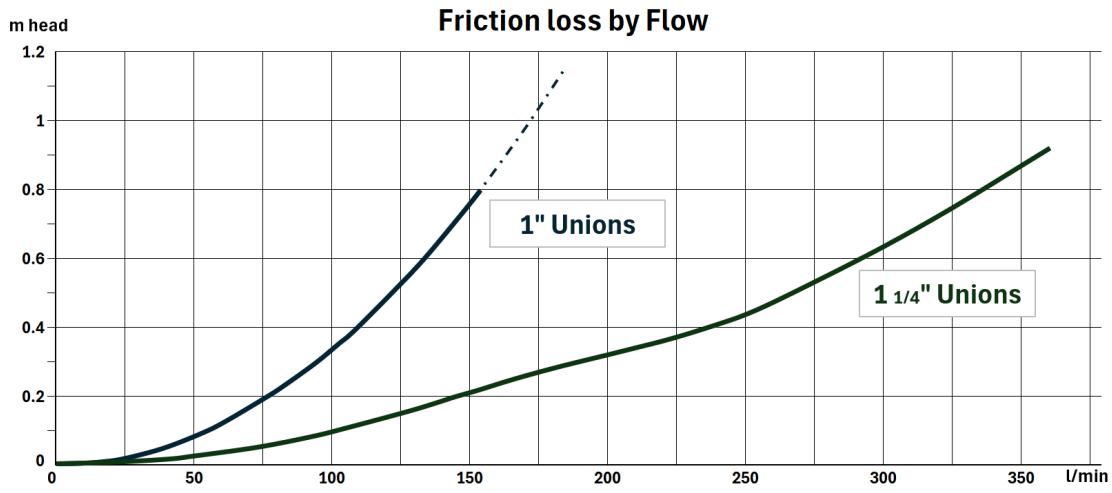
- Swivel unions - 1” or 1 1/4” BSPM
- Pump Protections: Dry run, Low flow, Frequent start, Underload, Overload, Over pressure, Anti-seize, Maximum continuous run time
- No reactive metal parts in contact with the water
- Generator compatible
- Removable pressure accumulator exposes 1” BSPF port

TECHNICAL DATA

INPUT VOLTAGE	80 - 260 AC 1 Phase
MAX. WORKING TEMP	35 deg C
MAX TEMP	60 deg C
MAX RATED PRESSURE	10 bar
MAX RATED FLOW	1” Port: 150 l/m @ 0.8 bar loss 1 1/4” Port: >350 l/m @ 0.8 bar loss
INLET/OUTLET	1” BSPM / 1” BSPM (Std)
NET WEIGHT	1.8kg

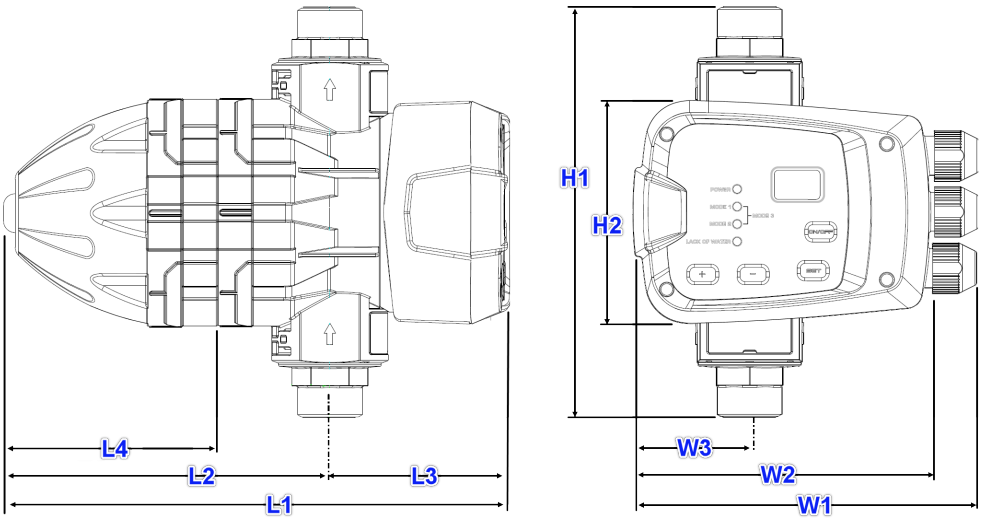
MAXIMUM CURRENT	16 Amps each pump
NOMINAL PUMP POWER	2.2kW each pump
INGRESS PROTECTION	IP65
AUTOMATIC	Yes, with dry run protection
DEFAULT START PRESSURE	Mode 1: 2.2 bar - adjustable
POWER CABLE	None. Wiring required
PACKAGING DIMENSIONS	220 x 230 x 200

CURVE



DIMENSIONS

DIMENSIONS	
H1	212mm
H2	115mm
W1	175mm
W2	152mm
W3	57mm
L1	225mm
L2	93mm
L3	168mm
L4	(121mm)



WARRANTY / CERTIFICATIONS

BIANCO NXT 2 YEAR WARRANTY

GOOD DESIGN AWARD® WINNER

Approved for Drinking Water AS/NZS 4020