



Single Phase 230VAC IN / Three Phase 230VAC OUT

TECHNICAL DATA

INPUT VOLTAGE	1Ph 220VAC +/-15%
INPUT FREQUENCY	50/60Hz 5% fluctuations
OUTPUT VOLTAGE	3 phase 230VAC out
OUTPUT FREQUENCY	0 - 200Hz
OUTPUT RATING	17 amps. Nominal 3.7kW
SPEED HOLDING PRECISION	+/- 1%
INGRESS PROTECTION	I.P. 54
OPERATING TEMPERATURE	-10°C to +40°C
UNIT DIMENSIONS	600H x 510W x 280D
CARTON DIMENSIONS	640H x 540W x 310D
NETT WEIGHT	16kg

PRODUCT DETAILS

The NXT DRIVEPRO Series Control Panel kit uses a NXT DRIVE variable frequency drive mounted in a rugged metal enclosure with lockable door.

Requiring 230V single phase input power, the drive can be matched to a variety of 4" bore pump motors and wetends

The NXT DRIVE touchscreen user interface makes tuning and viewing information simple and intuitive

The kit includes a stainless manifold, pressure transducer, pressure gauge and pressure tank so installation and setup are a breeze.

APPLICATIONS

- Constant pressure management of a single pump across a wide range of flow rates while optimising energy consumption
- Variable speed, constant pressure bore pump control

DRIVE FEATURES

- Control and protect pumps up to 3.7kW (17 amps)
- Variable frequency control to achieve constant pressure control
- Minimise wasted energy and reduce the need for large pressure tanks
- 'Soft-start' with low motor start current
- Flow, pressure and current protections
- RS485 comms
- 25 plain language fault messages
- Provides protection from; dry run, high and low voltage, input and output short circuits, high and low water pressure, input and output phase failure, high temperature and sensor faults
- 24V, 10V and 5V supply circuits
- Digital and analogue (voltage or current) inputs
- Relay and analogue outputs
- Multi-functional terminals

