

# PRODUCT DATA SHEET

DAB-251NXTP • 808425



BRAND



## PRODUCT DETAILS

DAB pressure system with electronic pump controller. The pump is a self-priming surface mounted jet pump and has a suction capability of up to 8m.

## APPLICATIONS

- Domestic installations where a suction lift is required
- Pressure boosting, irrigation and wash down
- Designed for pumping from tanks, rivers and dams.

## FEATURES

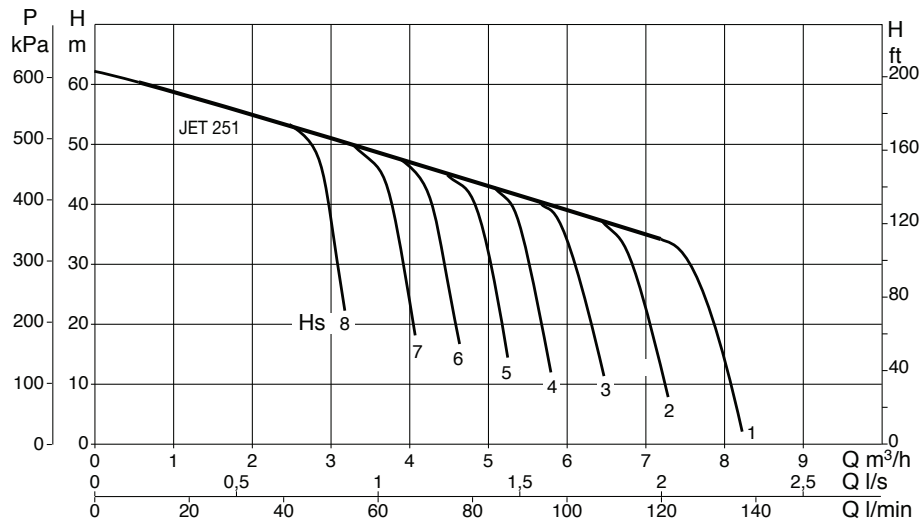
- Run dry protection to prevent pump damage
- The nXt controller has an in-built check valve to prevent water back-flow through the pump
- Self priming centrifugal pump with excellent suction capability
- 240V single phase TEFC motor with in-built auto reset thermal overload to prevent pump from damage
- A pressure tank is recommended

## TECHNICAL DATA

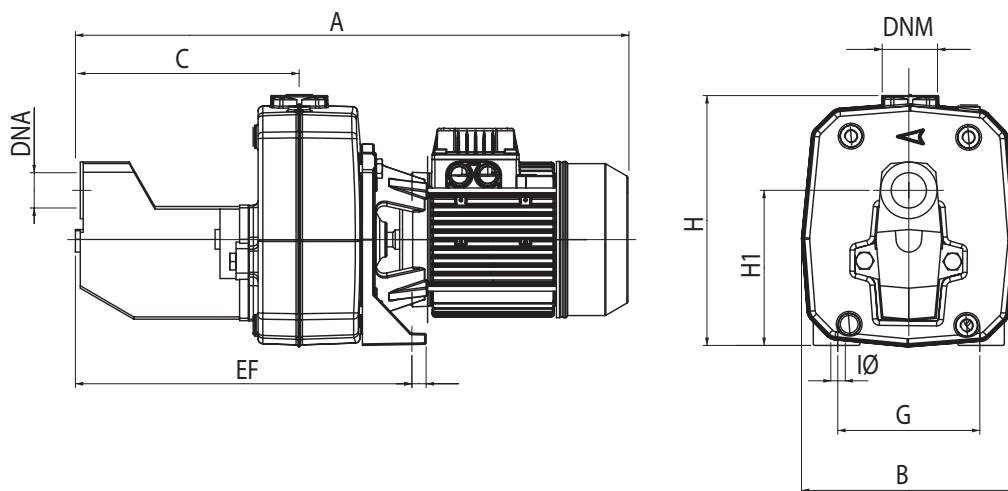
| MATERIALS IN CONTACT WITH DRINKING WATER |                        |
|------------------------------------------|------------------------|
| PUMP                                     |                        |
| PUMP BODY                                | GJL 200 Cast Iron      |
| IMPELLER                                 | Glass reinforced Noryl |
| JET, VENTURI, DIFFUSER                   | Glass reinforced Noryl |
| MECHANICAL SEAL                          | Carbon Ceramic Nitrile |
| O RINGS                                  | Nitrile                |
| CONTROLLER                               |                        |
| CONTROLLER BODY                          | Glass reinforced Noryl |
| DIAPHRAGM                                | Butyl (TPV)            |
| PORTS, NRV                               | Glass reinforced Noryl |
| SPRING                                   | Stainless Steel        |
| PRESSURE SENSOR                          | Brass OT58             |

| SPECIFICATIONS       |                             |
|----------------------|-----------------------------|
| RATED POWER (KW)     | 1.85 (2.5hp)                |
| MAX. FLOW [LPM]      | 120                         |
| MAX. HEAD [M]        | 62                          |
| PORTS                | 32mm x 25mm (1-1/4"x1")BSP  |
| START PRESSURE (BAR) | 2.2                         |
| STOP PRESSURE (BAR)  | No Flow                     |
| VOLTS (V)            | 240                         |
| CARTON DIMENSIONS    | 800mm L x 250mm W x 360mm H |
| WEIGHT (KG)          | 36.5                        |

## CURVE



## DIMENSIONS



| MODEL     | A   | B   | C   | E   | F  | G   | I Ø | H   | H1  | DNA GAS | DNM GAS |
|-----------|-----|-----|-----|-----|----|-----|-----|-----|-----|---------|---------|
| DAB-251 M | 632 | 210 | 221 | 350 | 20 | 145 | 11  | 255 | 158 | 1¼"     | 1"      |

## WARRANTY / CERTIFICATIONS

