

PRODUCT DATA SHEET

DAB-300NXTP • 808427

PRODUCT DETAILS

The DAB 300nXtP is a robust, single impeller, self-priming, surface mounted, jet type pump suitable for pumping water with low levels of sandy impurities. The internal jet and venturi provide excellent suction capability of up to 8m even when the water is lightly aerated. Supplied with the innovative dual mode nXtP controller this combination is ready to provide years of reliable operation.



APPLICATIONS

- Situations where self priming operation is necessary
- Supplying water to domestic installations
- Ideal for use in small-scale agriculture or horticulture
- Pressure boosting, irrigation, wash down or other limited industrial services
- Designed for pumping from tanks, rivers and dams where air bubbles or small particles of sand are present

FEATURES

- Self priming centrifugal pump with excellent suction capability
- Supplied with the innovative dual mode nXtP controller
- The controller has an inbuilt check valve and dry run (no flow) protection
- 230V single phase TEFC motor with in-built auto reset thermal overload to prevent pump from damage

To protect the pump from excessive cycling and to isolate from the effects of water hammer, adding a pressure tank to the system is highly recommended

BRAND

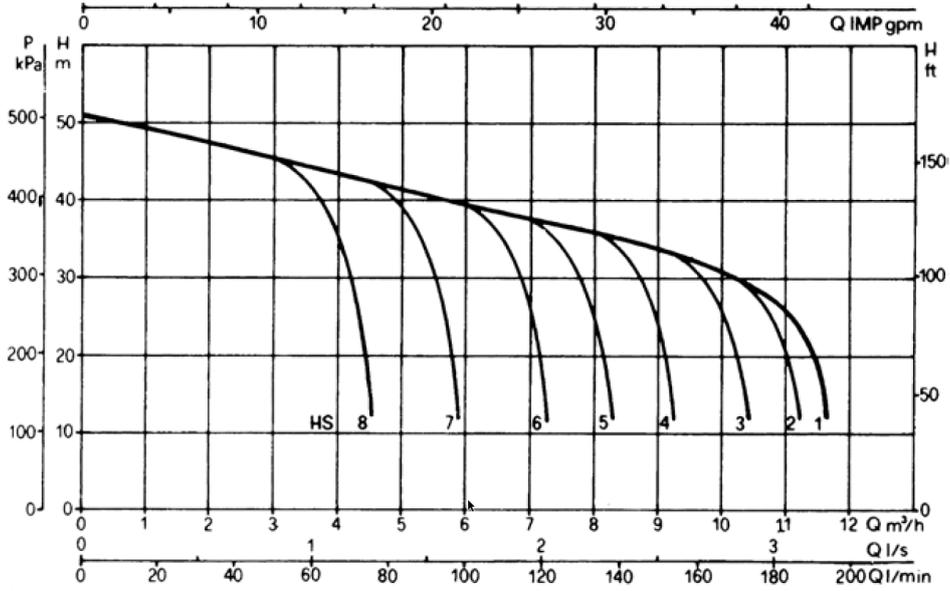
DAB
WATER • TECHNOLOGY

TECHNICAL DATA

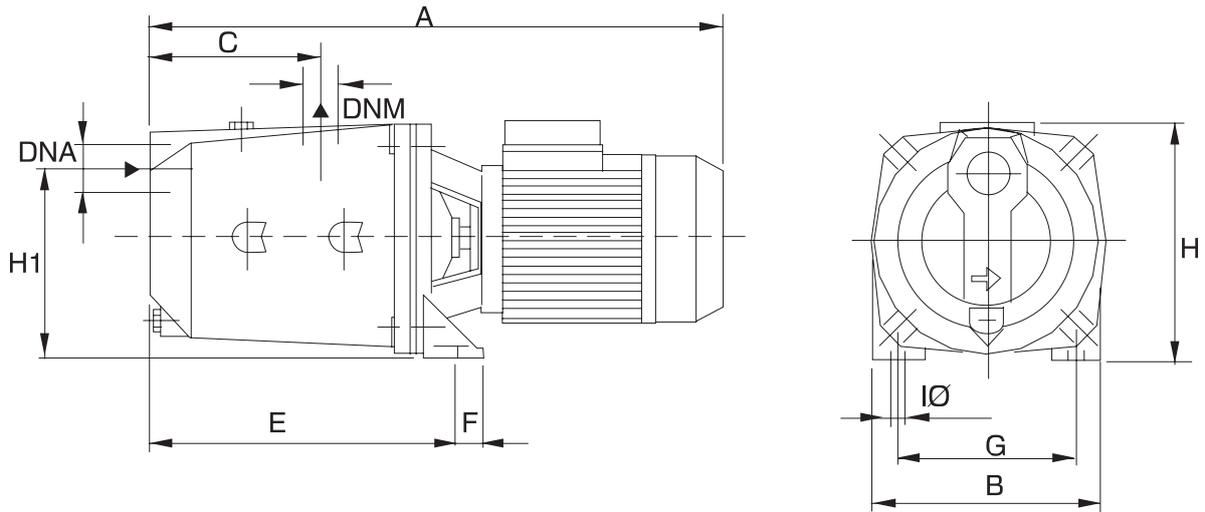
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|-------------------------------|------------------------|
| RATED POWER (P2) | 2.2kW (3hp) |
| MAX. FLOW [LPM] | 185 LPM |
| MAX. HEAD [M] | 51m |
| MAX. PRESSURE RATING | 8 bar |
| FLUID TEMP RANGE | 0 - 35 deg C |
| MAX. AMBIENT TEMP | 40 deg C |
| PUMP BODY | GJL 200 Cast Iron |
| IMPELLER | Glass reinforced Noryl |
| JET, VENTURI, DIFFUSER | Glass reinforced Noryl |
| MECHANICAL SEAL | Carbon Ceramic Nitrile |
| O RINGS | Nitrile |

| | |
|-----------------------------|-----------------------------------|
| RATED VOLTAGE (V) | 1~ 220 - 240V 50 hz |
| RATED CURRENT (A) | 12A |
| RATED SPEED (RPM) | 2800 - 2 pole |
| IP RATING | I.P. 44 |
| SUCTION CONNECTION | 1 1/2" G (BSP) |
| DISCHARGE CONNECTION | 1 1/4" G (BSP) |
| AUTOMATIC OPERATION | Yes via dual mode nXtP controller |
| MOTOR PROTECTION | Auto re-setting thermal overload |
| CAPACITOR | 31.5uF 450V +/- 5% |
| CARTON DIMENSIONS | 720mm L x 250mm W x 320mm H |
| GROSS WEIGHT (KG) | 32.5kg |

CURVE



DIMENSIONS



| MODEL | A | B | C | E | F | G | I Ø | H | H1 | DNA GAS | DNM GAS |
|--------------|-----|-----|-----|-----|----|-----|-----|-----|-----|------------|------------|
| JET 300 nXtP | 521 | 214 | 151 | 282 | 20 | 160 | 11 | 235 | 175 | 1½" | 1¼" |

WARRANTY / CERTIFICATIONS

