

# PRODUCT DATA SHEET

DAB-DP251MP • 701511

## PRODUCT DETAILS

The DAB DP251MP pump is a rugged cast iron, twin impeller, self-priming, surface mounted jet pump. By using a separately supplied injector kit the pump can achieve a suction capability of up to 27m

## 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
- Lateral Offset pumping

## FEATURES

- 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
- Pressure switch with adjustable differential
- Pressure gauge
- Drive pipe 1" G Suction pipe 1 1/4" G

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



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## TECHNICAL DATA

RATED POWER (P2)	1.85kW (2.5hp)
MAX. FLOW [LPM]	72 LPM
MAX. HEAD [M]	70m
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)	8.3A
RATED SPEED (RPM)	2800 - 2 pole
IP RATING	I.P. 44
SUCTION CONNECTION	1 1/4" G (BSP)
DISCHARGE CONNECTION	1" G (BSP)
AUTOMATIC OPERATION	Yes via adjustable pressure switch
MOTOR PROTECTION	Auto re-setting thermal overload
CAPACITOR	40uF 450V +/- 5%
CARTON DIMENSIONS	522mm L x 246mm W x 307mm H
GROSS WEIGHT (KG)	32.5kg