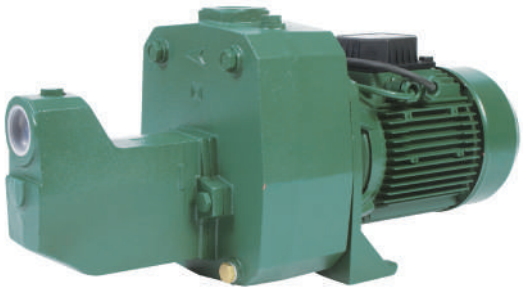
PRODUCT DATA SHEET

DAB-251M • 701401



BRAND

DAB WATER•TECHNOLOGY

PRODUCT DETAILS

The DAB 251M is a rugged cast iron, twin impeller. self-priming, surface mounted jet pump suitable for use in a wide range of applications and especially where there is the requirement to lift water from the source.
The distinctive front casting contains a jet and venturi which provides suction capability of up to 8m.
Proven over many years the DAB 251M is embodiment of a 'Dependable DAB'.

APPLICATIONS

- Suppying water to domestic installations
- Ideal for use in small-scale agriculture or horticulture
- Pressure boosting, irrigation, wash down or other limited industrial services
- Situations where self priming operation is necessary
- 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 capabilty
- 240V single phase TEFC motor with in-built auto reset thermal overload to prevent pump from damage

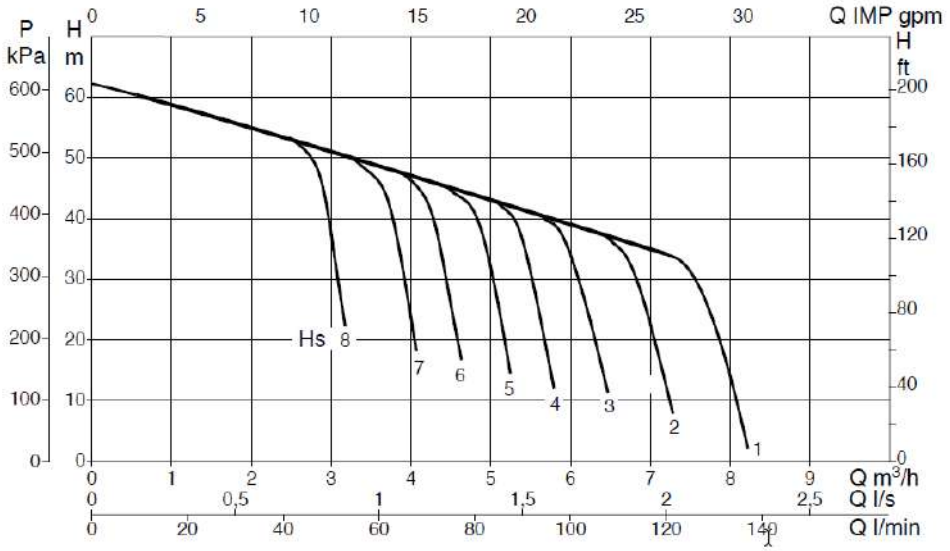
To protect the pump from excessive cycling and to isolate from the effects of water hammer, adding a pressure tank to the system is highly recommneded

TECHNICAL DATA

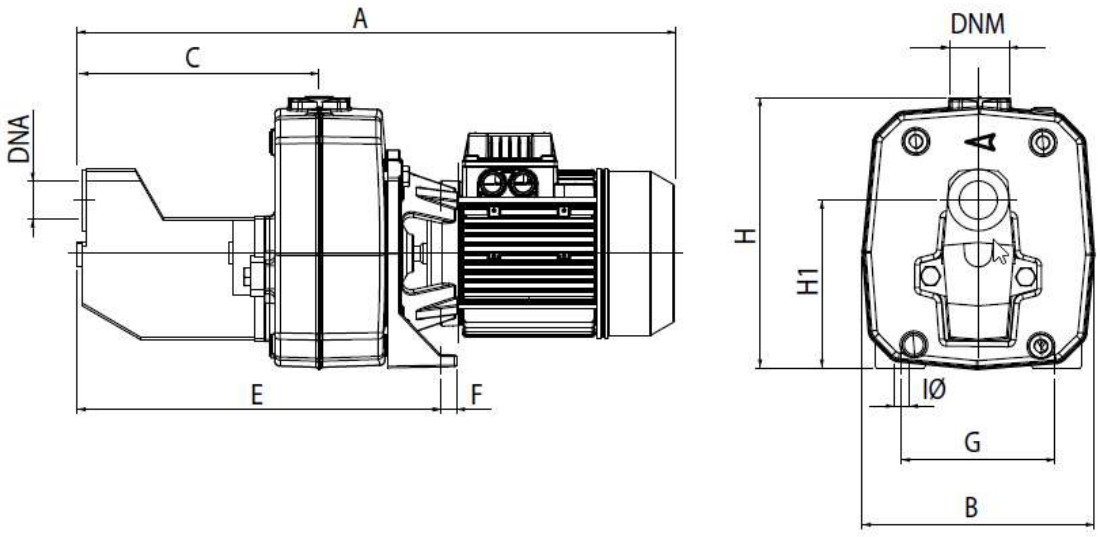
RATED POWER (P2)	1.85kW (2.5hp)
MAX. FLOW [LPM]	120 LPM
MAX. HEAD [M]	62m
MAX. PRESSURE RATING	8 bar
FLUID TEMP RANGE	0 - 35 deg C
MAX. AMBIENT TEMP	40 deg C
PUMP BODY	GJL 200 Cast Iron
IMPELLER	Glass reinforced Noryl
JET, VENTURI, DIFFUSER	Glass reinforced Noryl
MECHANICAL SEAL	Carbon Ceramic Nitrile
O RINGS	Nitrile

RATED VOLTAGE (V)	1~ 220 - 240V 50 hz
RATED CURRENT (A)	10A
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	No - bare pump only
MOTOR PROTECTION	Auto re-setting thermal overload
CAPACITOR	40uF 450V =/- 5%
CARTON DIMENSIONS	657mm L x 248mm W x 279mm H
GROSS WEIGHT (KG)	35kg

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

DAB 2 YEAR WARRANTY

Approved for Drinking Water AS/NZ 4020