

X201
Model Numbers: 74101

DEPEND ON
DAVEY



SELF PRIMING ELECTRIC PUMP

PRODUCT DESCRIPTION

Economical, compact, 1 stage open impeller, self priming centrifugal pump driven by a TEFC motor. Designed for total head duties to 18m and flows to 195lpm.

APPLICATIONS

Ideal for pumping clean or grey water with some small fibres or soft solids in such applications as:-

- Water supply
- Water transfer
- Septic tank emptying
- Draining of water tanks

DESIGN FEATURES

PUMP

1 stage (single impeller)
Open vane impeller
Stainless steel impeller wear plate
Inbuilt check valve
Mechanical shaft seal
Oring casing seal

MOTOR

Davey manufactured
TEFC with IP55 enclosure
Class F insulation
Double contact C3-HTG sealed bearings
Inbuilt thermal overload protection
Plastic feet on motor shell

BENEFITS

- Manufactured from quality corrosion resistant materials.
- TEFC motor corrosion resistant and excludes dust and dirt.
- Motor and pump designed for frequent starts.
- Quick and easy installation.
- Low maintenance.
- Easy to service if required.
- Quick self priming.

OPERATING LIMITS

Maximum self priming suction head	7.5m
Maximum water temperature	50°C
Minimum water temperature	1°C
Inlet size	1¼" BSP(F)
Outlet size	1¼" BSP(F)
Maximum ambient temperature	55°C
Maximum casing pressure	300kPa

TECHNICAL SPECIFICATIONS

MATERIALS OF CONSTRUCTION

PART	MATERIAL
Impeller	Glass filled nylon
Impeller wear plate	304 Stainless steel
Pump casing	Glass filled noryl
Seal ring (rotating)	Carbon
Seal ring (stationary)	Ceramic
Seal spring	304 stainless steel
Orings	Nitrile rubber
Check valve	Delrin
Priming plug	Glass filled nylon
Motor shell	Marine grade aluminium
Shell finish	Baked polyester

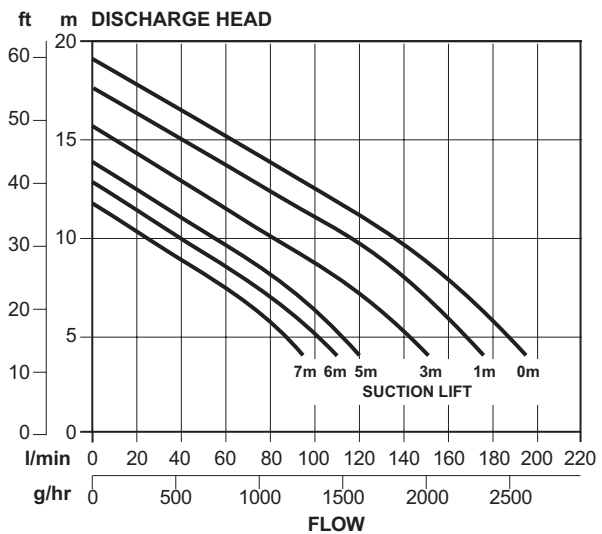
ELECTRICAL DATA

Supply voltage	220-250V
Supply frequency	50Hz
Full load current	4.4A
Locked rotor current	18.0A
Input power (P ₁)	0.95kW
Output power (P ₂)	0.70kW
Enclosure class	IP55
Insulation class	Class F
Starting	P.S.C.

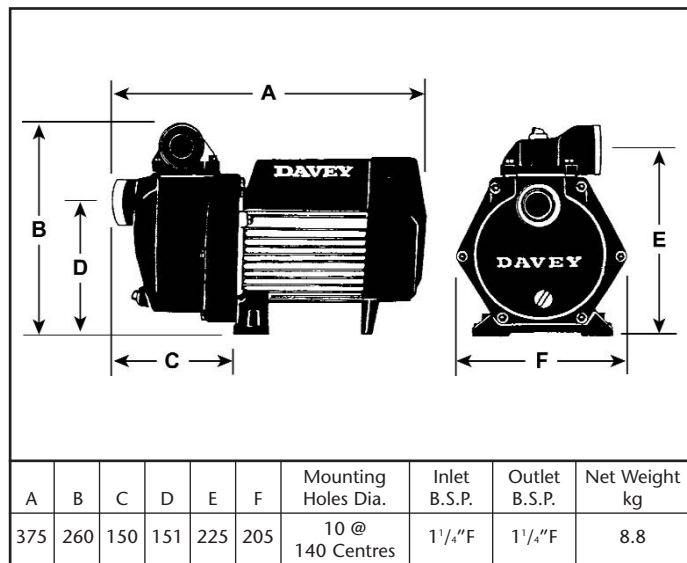
INSTALLATION & PRIMING

- Installations with suction lift require a good quality foot valve to avoid loss of prime.
- To prime, fill pump body and suction line through priming plug hole located above suction inlet and replace plug.

HYDRAULIC PERFORMANCE



DIMENSIONS



All dimensions in mm unless otherwise stated.



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