X201 Model Numbers: 74101



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.

DEPEND ON

WATER PRODUCTS

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 1951pm.

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

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

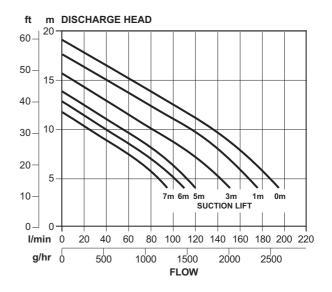
MATERIALS OF CONSTRUCTION

PART

MATERIAL

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

HYDRAULIC PERFORMANCE



ELECTRICAL DATA

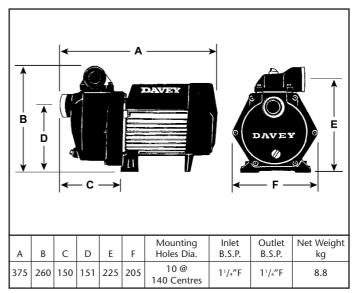
Supply voltage
Supply frequency
Full load current
Locked rotor current
Input power (P1)
Output power (P2)
Enclosure class
Insulation class
Starting

220-250V 50Hz 4.4A 18.0A 0.95kW 0.70kW IP55 Class F 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.

DIMENSIONS



All dimensions in mm unless otherwise stated.



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This literature is not a complete guide to product usage. Further information is available from your Davey dealer, Davey Customer Service Centre and from the relevant product Installation and Operating Instructions. This data sheet must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. © Davey is a registered trademark of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2011.