Dynaprime

DAVEY

ECONOMICAL, COMPACT SELF PRIMING PUMP

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 and draining of water tanks.



Model Number: 74101

FEATURES & BENEFITS

Flows up to 195L/min and heads up to 18m

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

APPLICATION

- 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

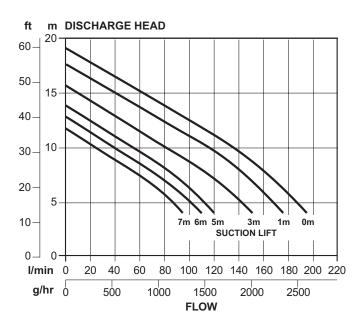


Self Priming Pump

OPERATING LIMITS							
Maximum self priming suction head	7.5m						
Maximum water temperature	50°C						
Minimum water temperature	1°C						
Inlet size	11/4" BSP(F)						
Outlet size	11/4" BSP(F)						
Maximum ambient temperature	55°C						
Maximum casing pressure	300kPa						

ELECTRICAL DATA							
Supply Voltage	220 – 250V ~						
Supply Frequency	50Hz						
Full load current	4.4A						
Locked rotor current	18.0A						
Input power P1	0.95kW						
Output power P ₂	0.70kW						
Enclosure class	IP55						
Insulation class	F						
Starting	P.S.C.						

HYDRAULIC PERFORMANCE

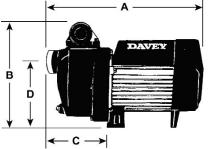


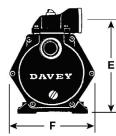
MATERIALS OF CONSTRUCTION						
PART	MATERIAL					
Impeller	Glass filled nylon					
Impeller wear plate	304 stainless steel					
Pump casing	Glass filled noryl					
Seal ring (rotating)	Carbon					
Seal ring (stationary)	Ceramic					
Seal spring	304 stainless steel					
O-rings	Nitrile rubber					
Check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

INSTALLATION AND 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 (mm)								
А	в	с	D	E	Mounting Holes Diam.	Inlet BSP	Outlet BSP	Net Weight (kg)
375	260	150	151	225	10 @ 140 centres	11⁄4″F	11⁄4″F	8.8







daveywater.com

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