DAVEY



DAVEY Dynaflo®

Model Numbers:
62001, 62101 & 62103

GUARANTEE
2 YEARS

APPLICATIONS

Ideal for water supply, water transfer, hosing down dairies, factory floors etc. tank filling, sprinkler supply and garden reticulation.

TRANSFER PUMP

FEATURES & BENEFITS

- **Designed for total heads to 32m** and flows to 315 lpm
- **Every pump is performance and pressure tested in our factory** to ensure quality and reliability
- **Noryl pump casing with metal hoop strengthened inlet and outlet ports** is a proven robust pump design for long life
- **O-ring sealed hand tightened priming plugs** for easy operation
- **304 stainless steel pump shaft** for long life
- **Davey manufactured motor with IP56-TEFC, 2 pole motor is corrosion resistant** for long term protection against vermin, dust and water
- **Motor and pump are designed for frequent starts** providing a long and reliable working life
- **In-built thermal overload protection with automatic reset in all single phase models** for long term motor protection
- **Double contact seal, C3, high temperature greased bearings** for long life and smooth running
- **2m power lead with 10amp Australian three pin plug** fitted to all single phase models
- **Also available in** 220 Volt 60Hz single phase and 380 Volt 60Hz three phase
- **Corrosion resistant motor mounting feet** for long life

Transfer Pumps

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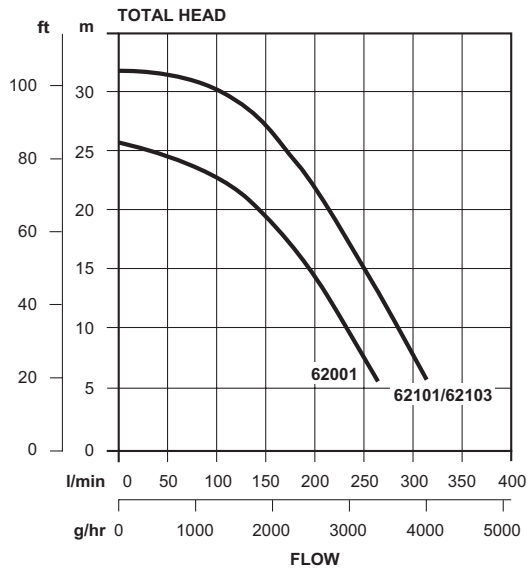
OPERATING LIMITS		
Model	62001	62101/62103
Capacities to	270 lpm	315 lpm
Maximum total head	25.5m	31.6m
Maximum suction head	7.0m	
Maximum water temperature – Continuous – 10 minute peak	 50°C 70°C	
Minimum water temperature	1°C	
Inlet size	1½" BSP(F)	
Outlet size	1¼" BSP(F)	
Maximum casing pressure	50m	

MATERIALS OF CONSTRUCTION	
PART	MATERIAL
Impellers	Glass filled polycarbonate
Pump casing	Glass filled noryl
Seal ring (stationary)	Ceramic
Seal ring (rotating)	Carbon
Shaft	304 stainless steel
Seal elastomer	Nitrile rubber
Pump o-rings	Nitrile rubber
Motor shell	Aluminium
Shell finish	Baked enamel
Motor mounting feet	Xenoy plastic
Motor through bolts	304SS with brass nuts
Motor fan	Polypropylene

INSTALLATION AND PRIMING

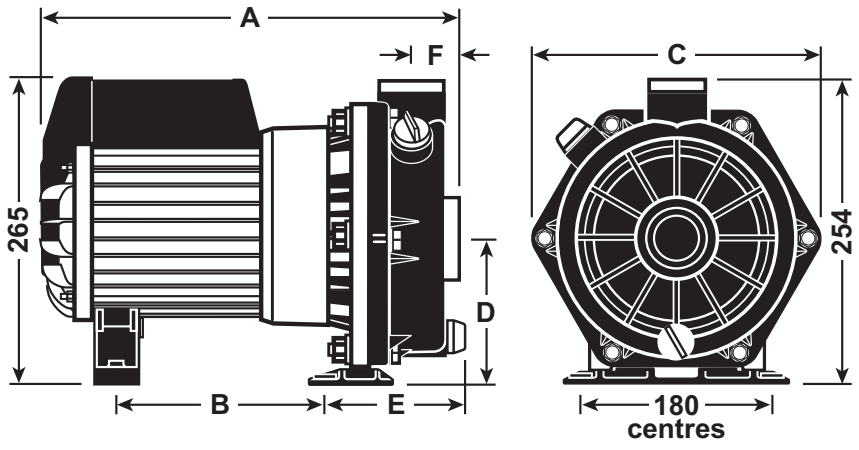
- Installation with suction lift require a good quality foot valve to avoid loss of prime.
- To prime, fill pump body and suction line through priming plug hole located above suction inlet and replace plug.

HYDRAULIC PERFORMANCE



ELECTRICAL DATA			
Model	62001	62101	62103
Supply voltage	220-250	220-250	380-415
Supply frequency	50Hz		
Phase	Single		Three
Full load current	6.8A	9.2A	3.7A
Locked rotor current	27A	40A	24A
Input power	1.5kW	2.1kW	2.1kW
Output power	1.0kW	1.6kW	1.6kW
Insulation	Class F		
Starting	P.S.C.	P.S.C.	DOL
IP rating	IP56		
AS/NZS 60335.1-2002 Approval No. TUV16025E			

DIMENSIONS (mm)										
Model	A	B	C	D	E	F	Mounting holes diameter (mm)	Inlet B.S.P.	Outlet B.S.P.	Net Weight (kg)
62001	345	175	250	124	113	40	10	1½"F	1¼"F	16.5
62101	395	195	250	124	113	40	10	1½"F	1¼"F	19.0
62103	395	195	250	124	113	40	10	1½"F	1¼"F	19.0



H/O & MFG SCORESBY
Certified System Quality ISO 9001
Certified System Environment ISO 14001

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DWP0072-6/0424