totton PUMPS

Celebrating 60 Years of
60
1946 - 2006
Producing Quality Pumps

Principle Applications

Designed for hot & cold drinks vending, water circulation, re-circulation & cooling
duties in beverage, laboratory, agricultural, print, photographic
& industrial processing applications and other short time rated applications.
12 Volt & 24 Volt versions to suit vehicular applications

Wetted Materials

Standard EPDM 'O' ring, optional Nitrile or Viton®
PP encapsulated magnet
Alumina ceramic spindle
PP pump housing
PPS option available

Features

Magnetically coupled, sealless leak-free design
Pump body orientation easily altered to suit installations
Variable mounting foot positions
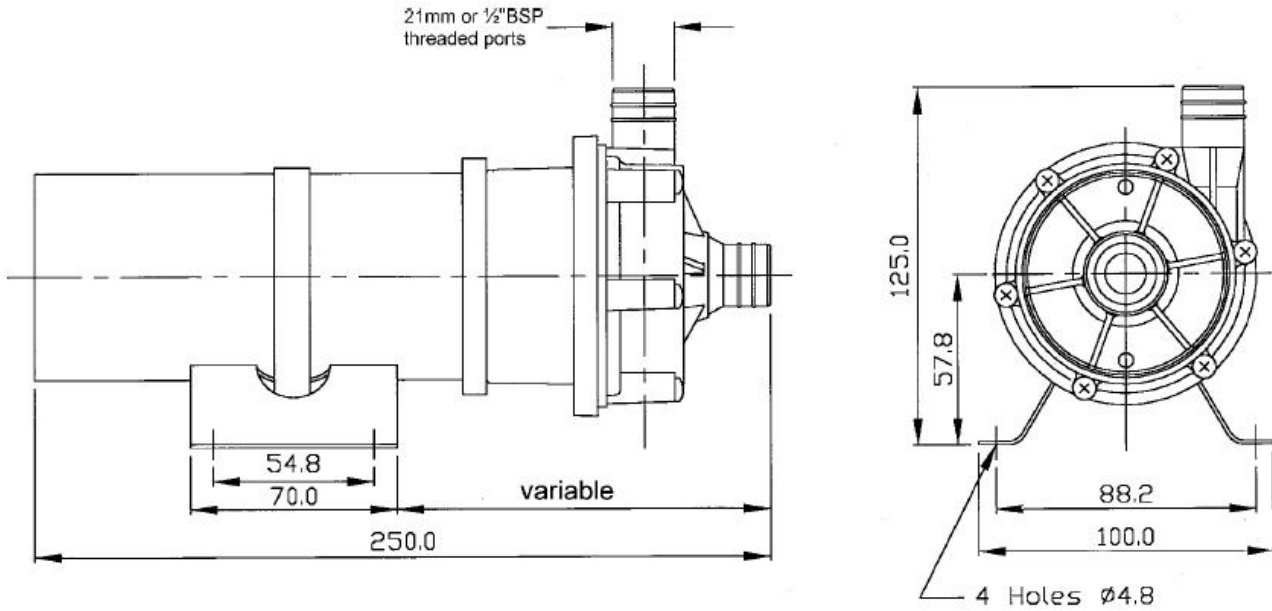Lifts to 10 metres

Options

DC40/10	Port Details
12V DC	1/2" BSP OR Plain 21 mm
24V DC	1/2" BSP OR Plain 21 mm

ITT

Engineered for life

Installation
Drawings not to scale
Dimensions in millimetres

DC40/10

21mm or ½"BSP
threaded ports

54.8
70.0
variable
250.0

125.0
57.8
88.2
100.0
4 Holes Ø4.8

Specification

| Model	Overall height (mm)	Overall length (mm)	Overall width (mm)	Weight (kg)	Max body pressure (bar)	Run-out flow rate (l/min)	Closed valve head (m)	Temp range (degC)	*Max specific gravity	Motor output (watts)
DC40/10	130	250	97	2.7	1.4	55	11	-20 to +85	1.0	65

*Assuming maximum viscosity of 30cp. Refer to Totton Pumps for higher viscosities and specific gravities

Performance

Tested With Clean Water at 20degC

Head (metres) vs Flow (litres/minute)
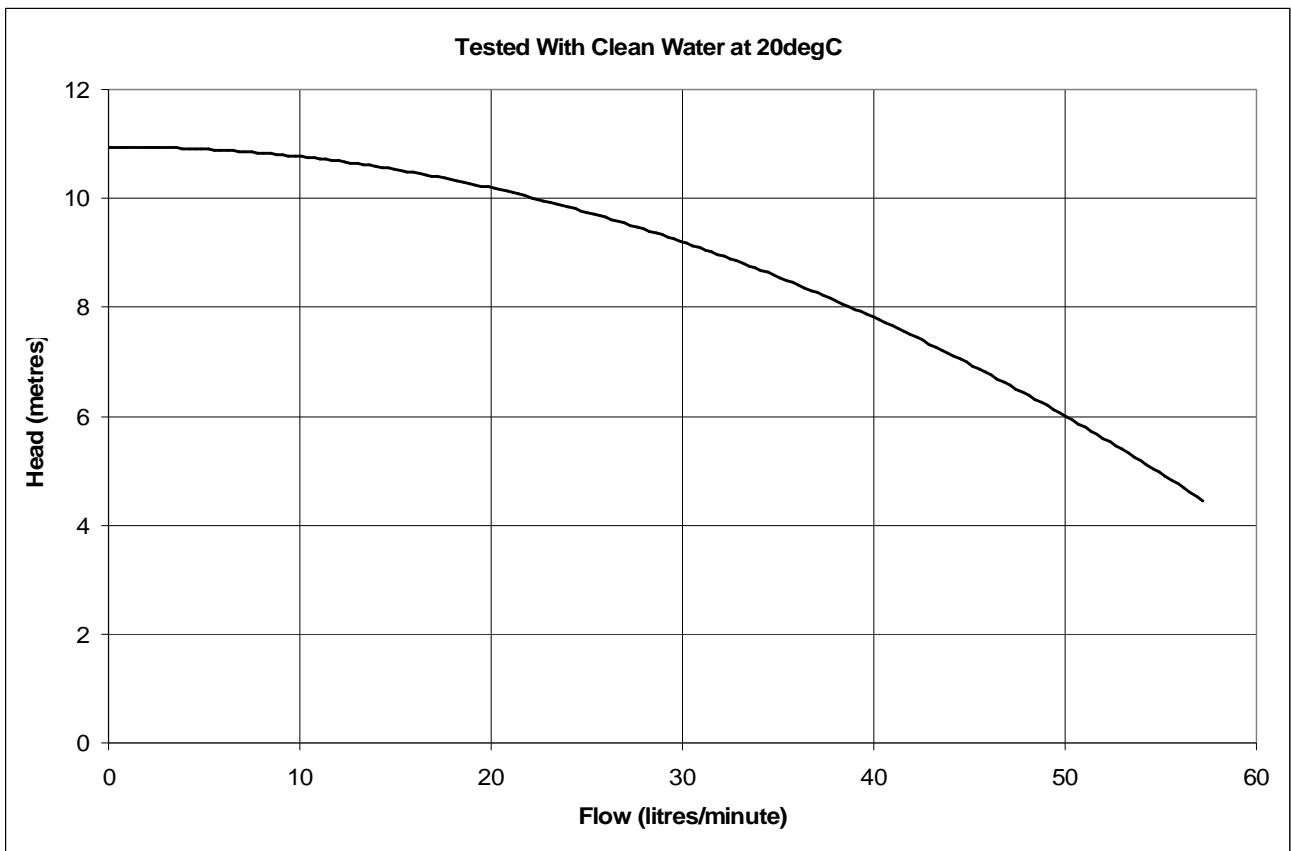
DC pumps are not self priming and are not designed to run dry.
The company reserves the right change specifications.

Part List
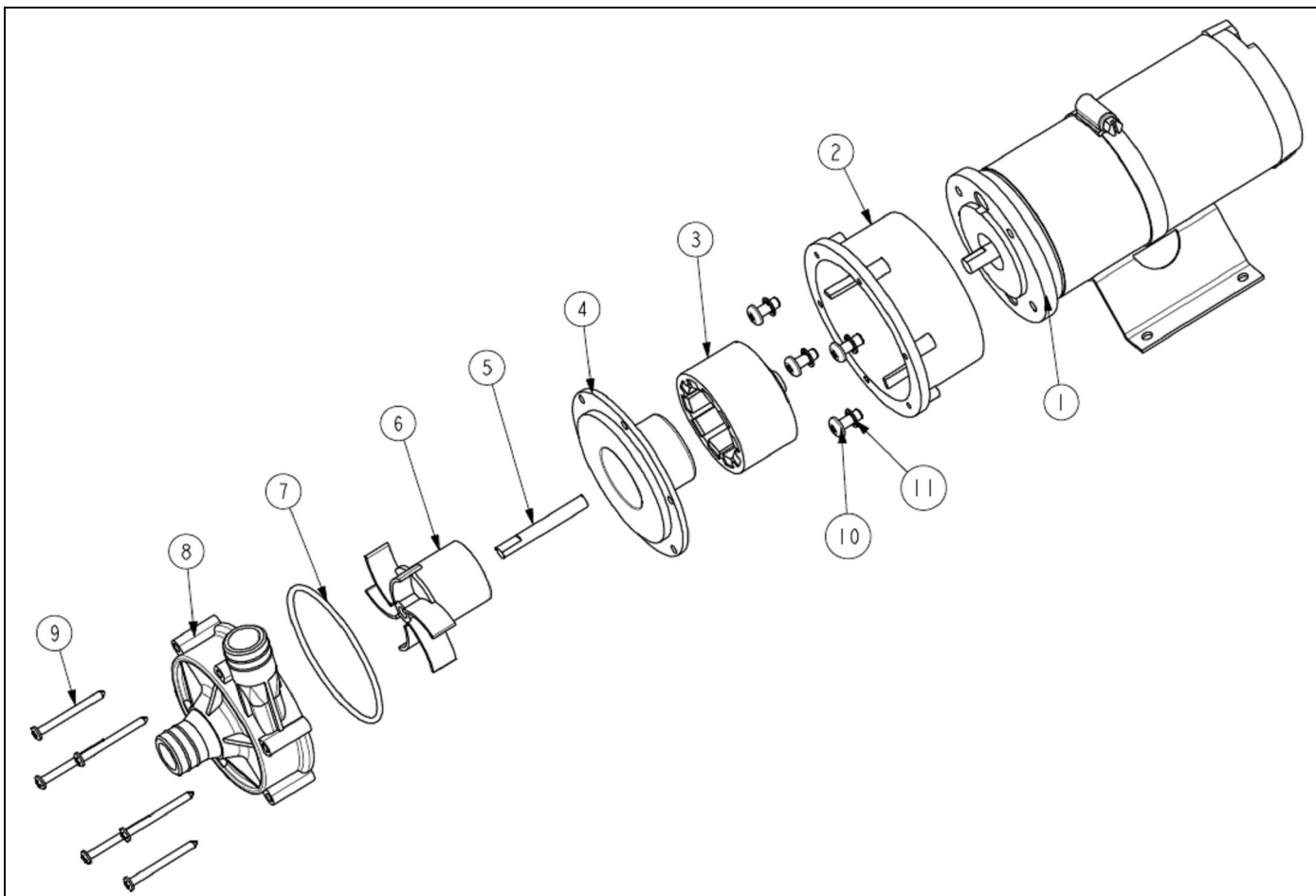
Item Number	Description	Quantity	Part Number		
1	Motor	1	116818 (12V)		016802 (24V)
2	Adaptor	1	002053		
3	Drive Magnet	1	016541		
4	Spindle Housing	1	016311		
5	Spindle	1	006244		
6	Impeller	1	016355		
7	O-ring	1	013290 (EPDM)	021056 (Viton)	003398 (Nitrile)
8	Pump Body	1	016358 (plain)	016360 (threaded)	
9	Screw	6	012020		
10	Screw	4	022025		
11	Washer	4	001030		