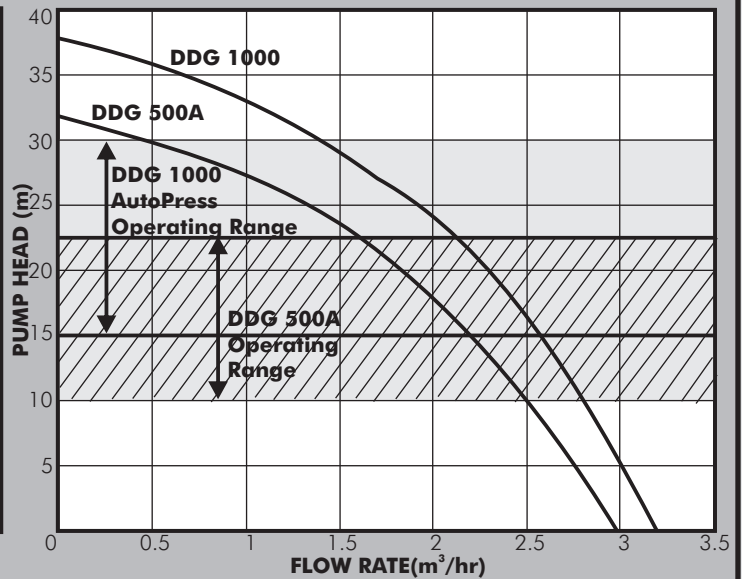
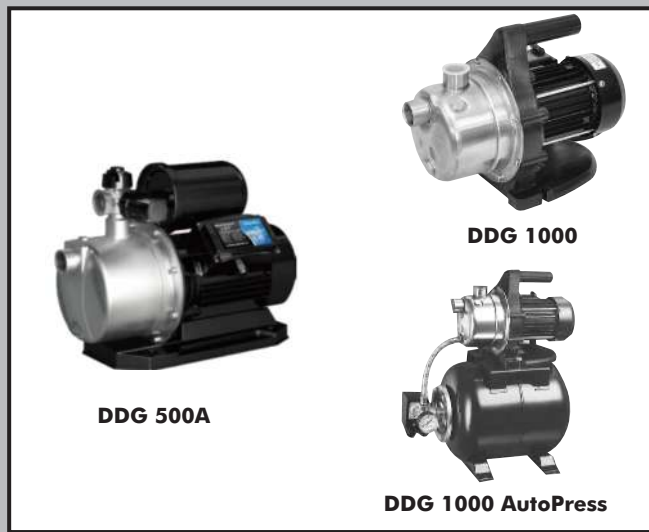




PUMP

The DAYLIFF DDG pumps are of single stage centrifugal impeller self priming design suitable for small scale irrigation, water boosting and water transfer applications. Materials of construction are stainless steel for the pump body, shaft and back plate with the impeller made from polypropylene (DG1000 and DG1000 AutoPress) or Stainless steel (DDG500A). The pump is provided with a handle for easy portability (DDG1000 and DG1000 AutoPress) and a priming screw and drain plug.

DDG500A incorporates an electronic microprocessor for automation of pump operation, a diaphragm tank for controlling cycling and flow sensor providing dry running protection.

DDG1000 AutoPress is available and includes a 19L horizontal diaphragm tank, pressure switch and pressure gauge for automatic pressure enabled pump operation.

MOTOR

Pumps are close coupled to a reliable TEFC motor with built-in thermal overload protection. The motors can be connected to mains electrical supply through a 10A fuse or MCB, though additional protection is recommended where there is risk of voltage fluctuation.

Enclosure Class: X4

Insulation Class: B

Voltage: 1x240V

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquids: Thin, slightly aggressive liquids without solids or fibres

Max. Liquid temperature: +35°C

Max. Ambient temperature: +40°C

Max. Suction Lift: 8m at sea level

Pressure Setting: DDG 500A - Cut-in pressure 1Bar, Cut-out pressure 2.5Bar

DDG1000 AutoPress - Cut-in pressure 1.5Bar, Cut-out pressure 3Bar

PUMP DATA

Model	Motor		Current (A)	Inlet/Outlet (")	Dimensions (mm)			Weight (kg)
	kW	HP			H	L	W	
DDG 500A	0.37	0.5	2.3	1	346	106	265	7
DDG 1000	0.8	1	2.5		244	336	201	
DDG 1000 AutoPress					463	570	280	12

