Sump Pumps

D75VA DT08V

Model Numbers:
D75VA, DT08V

COMMERCIAL

HIGH FLOW VORTEX SUBMERSIBLE DRAINAGE PUMPS

APPLICATION

Ideal for grey water pumping, sump emptying, septic effluent disposal, water transfer and pumping of waste water with soft solids in suspension.

FEATURES & BENEFITS

Corrosion resistant 304 stainless steel shaft, motor shell and fasteners
- Long service life

Open impeller, vortex, centrifugal design
- Able to pump soft solids in suspension
- Less susceptible to blockage

Double mechanical shaft seal in oil bath with hard faced silicon carbide / ceramic seal on pump side
- Added motor protection
- Long service life

Sand slinger lip seal
- Added protection
- Long service life

Sump Pumps

OPERATING LIMITS

Capacities to	600 lpm
Heads to	8.5m
Max. submergence	20m
Max. operating temperature	40°C
Max. soft solids	46mm O.D.

Suitable Fluids

Clean or "grey water" of neutral pH containing up to 20% small soft solids or 1% fine solids. Some wear should be expected while pumping hard solids in suspension.

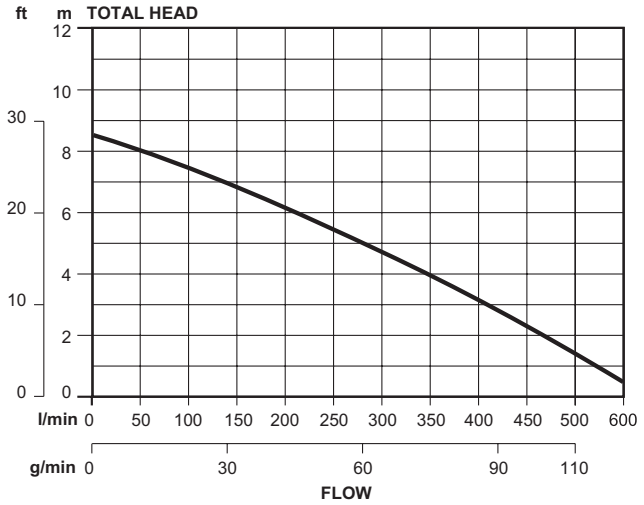
MATERIALS OF CONSTRUCTION

PART	MATERIAL
Impeller	Cast iron
Pump casing	Cast iron
Outlet	Cast iron
Shaft seal pump side motor side	Silicon carbide/ceramic Carbon/ceramic Mechanical seals in captive oil bath with oil seal
Shaft seal elastomer	Nitrile rubber
Pump shaft	304 Stainless Steel
O-rings	Nitrile rubber
Motor shell	304 Stainless Steel
Handle	304 Stainless Steel
Fasteners Float & power supply leads	304 Stainless Steel HO7RN-F oil resistant

ELECTRICAL DATA

Model	D75VA	DT08V
Supply voltage	220-240V	380-440V
50Hz - Phase	Single	Three
Speed	2 pole, 2850rpm	
Output power	0.75kW	
Full load current	7.5A	1.9A
Locked rotor current	22.5A	10.5A
Insulation class	Class F	
IP rating	X8	
Starting	CSCR	DOL
Electrical lead	AU plug x 10m length	

HYDRAULIC PERFORMANCE



DIMENSIONS (mm)

Model	A	B	C	D	E	BSP*	Net Weight (kg)
D75VA	495	280	200	170	265	3"F	31
DT08V	435	280	200	170	N/A	3"F	31

*Outlet thread with barb removed