

Model Number:
D150V, DT15V,
DT37V, DT75V

GUARANTEE
1 YEAR

APPLICATIONS

Ideal for grey water pumping, sump emptying, septic effluent disposal, water transfer and pumping of light slurries and factory waste.

DAVEY

SumpPumps

SUBMERSIBLE GREY WATER PUMPS

FEATURES & BENEFITS

Corrosion resistant 304 stainless steel motor shell, shaft, strainer and fasteners
- Long service life
- Attractive, lasting appearance

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

Automatic resetting thermal overload.
- Protected against overloading

10 metres long, HO7RNF oil resistant leads
- D150V with 15A 3-pin plug;
- Bared wire lead ends on three phase models for easy to connect power supply terminations
- Longer life in dirty water

Mounting base fitted
- For a firm and stable positioning during installation and operation

Slide rail kits available
- For easy removal and reinstallation

Hose tail provided for temporary installations
- Ideal for use with lay-flat hose (hose clamp not included)

Sump Pumps

DAVEY

MATERIALS OF CONSTRUCTION

PART	MATERIAL
Impeller	Cast iron
Pump casing	Cast iron
Outlet	Cast iron
Mechanical seal (pump end)	Silicon carbide / ceramic oil in bath
Mechanical seal (motor end)	Carbon / ceramic
Shaft seal elastomer	Nitrile rubber
Pump shaft	304 stainless steel
O-rings	Nitrile rubber
Motor shell	304 stainless steel
Handle	304 stainless steel
Fasteners	304 stainless steel
Float & power supply leads	HO7RN-F oil resistant

ELECTRICAL DATA

Model	D150V	DT15V	DT37V	DT75V
Insulation class	Class F			
IP rating	X8			
Electrical lead	HO7RN-F x 10m length			
Supply voltage	220-240V	380-415V		
Phase - 50Hz	Single	Three		
Speed	2850 rpm	1450 rpm		
Power (P_2)	1.5kW	1.5kW	3.7kW	7.5kW
Full load current	13.0A	3.0A	7.5A	16.5A
Locked rotor current	65.0A	22A	49A	78A
Starting	CSIR	DOL		

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.

INSTALLATION AND PRIMING

Use a rope to position and retrieve the pump. Do not lower or retrieve the pump using the power lead as this may damage the cable entry seals, causing water leaks and unsafe operation.

Do not use this product for recirculating or filtering swimming pools, spas, etc. While these pumps are built to high safety standards, they are not approved for installations where people will be in the water while they are operating.

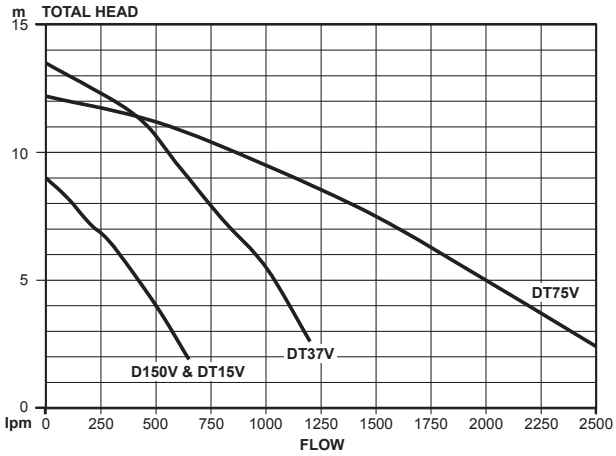
Do not pump abrasive materials. Sand and grit in the water being pumped will accelerate wear, causing shortened pump life.

Keep your pump clean, particularly in situations where lint, hair or fibrous materials may get bound around the pump shaft. Regular inspection and cleaning will extend pump life.

Make room for the float switch to operate. Automatic models have a float switch to turn them on when the water level rises and turn them off again when it has been pumped down to the safe operating level of the pump. If the float switch is not free to rise and fall, correct pump operation may not be possible.

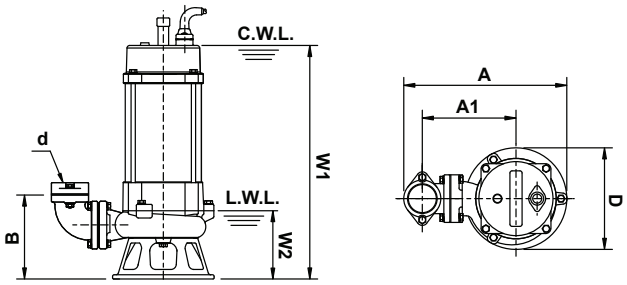
Do not run your pump dry. Non-automatic models must be switched off manually or by way of an external float/level switch when the water level is reduced to the top of the pump housing.

HYDRAULIC PERFORMANCE



DIMENSIONS (mm)

Model	Outlet (BSP F)	A	A1	B	D	H	Operating Net Water Level W1	Operating Net Water Level W1	Net Weight (kg)
D150V	3"	395	205	230	195	600	545	200	24
DT15V						515	460		23
DT37V		430	240	265	255	670	585	240	50
DT75V	4"	660	425	360	315	825	760	310	80



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

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DAVEY

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