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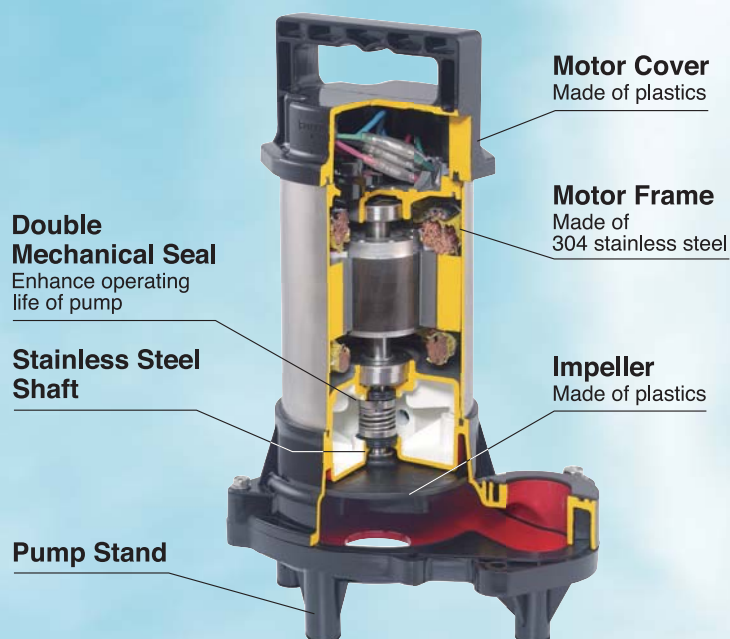
SUBMERSIBLE SUMP PUMP

NEW

 Model **DWSG (High head type)**

 Model **DWVG (Large passage type)**

- ◆ Compact, Light weight
- ◆ Easy installation and service
- ◆ Tough and robust design
- ◆ Anti-rust, Anti-corrosion materials used
- ◆ Allow solid passage of 15mm ϕ in DWSG
- ◆ Allow solid passage of 35mm ϕ in DWVG



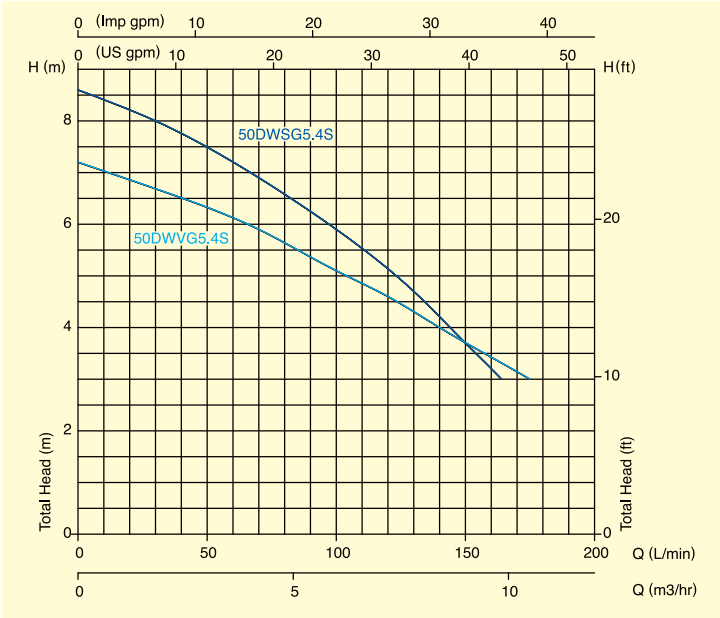
FEATURES / BENEFITS

- **Tough & Robust**
High performance engineering plastics being used for pump casing and impeller, thus enhance long operating life of pump.
- **Anti-rust**
As anti-rusting materials are used in contact with liquid, thus ensure easy maintenance.
- **Large solid passage**
Utilizing semi-vortex type of impeller permits max. 15mm ϕ (DWSG) and 35mm ϕ (DWVG) solid passage, therefore enhance passage capabilities.
- **Easy installation**
Hose coupling is standard in one piece with companion flange for easy installation.

Submersible Pump

DWSG · DWVG

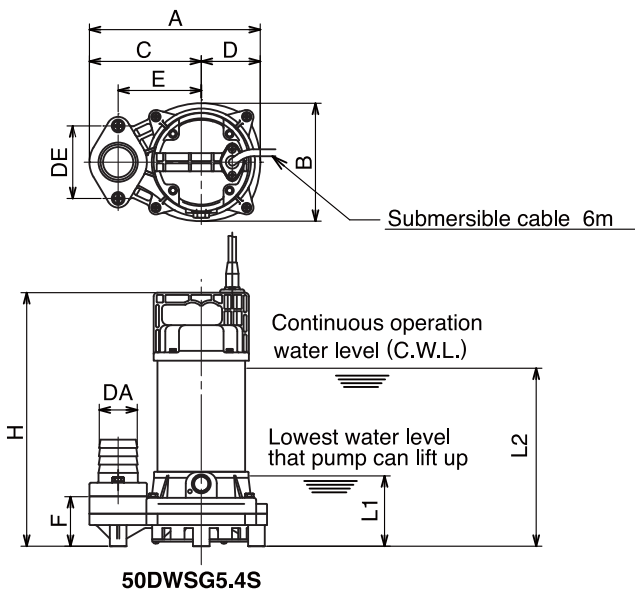
PERFORMANCE CHART



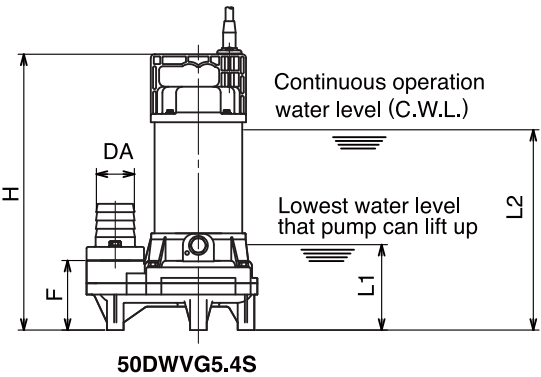
SPECIFICATION

Pump model		50DWSG5.4S	50DWVG5.4S
Liquid	Type	Sewage	
	Maximum temperature	40°C	
	Max. Diameter of Solids	15mm	35mm
	Max. Length of Fibers	50mm	150mm
Max. Submergence		4m	
Construction	Impeller	Semi - Vortex	
	Mechanical Seal	Oil Lubricated, One coil double mechanical seal	
Materials	Casing	Plastics	
	Impeller	Plastics	
	Intermediate Casing	Plastics	
	Shaft	304 Stainless Steel / Carbon Steel	
	Motor Frame	304 Stainless Steel	
	Mechanical Seal	Upper Faces : Carbon / Ceramic Lower Faces : Silicon Carbide / Silicon Carbide Lubricating Oil : Turbine Oil VG32	
Motor	Type	Air filled dry submersible	
	Insulation class	Class E insulation	
	Synchronous Speed	2 Pole 3000min-1	
	Voltages	220,230,240 Volts	
	Phase	Single Phase	
	Frequency	50Hz	
	Starting	Capacitor - run	
	Protection	Miniature thermal protector	
Cable	Bearings	Pre lubricated sealed ball bearings	
	Length	6m	
	Cable end	Discrete wires (without a plug)	
Accessories		Hose coupling	

DIMENSIONAL TABLE



NOTE
TO PROTECT THE MOTOR FROM BURNING,
THE PUMP AUTOMATICALLY REPEATS THE RUN AND STOP,
WHEN OPERATION AT THE LEVEL OF L2(C.W.L.) OR LESS.



MODEL	OUTPUT kW	PHASE	FREQUENCY Hz	PUMP AND MOTOR DIMENSIONS											MASS Kg
				DA	A	B	C	D	E	F	H	DE	L1	L2	
50DWSG5.4S	0.4	SINGLE	50	50	226	156	148	78	110	66	336	96	93	235	8.0
50DWVG5.4S										92	365		113	265	

*All specifications are preliminary date and subject to change without prior notice.



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