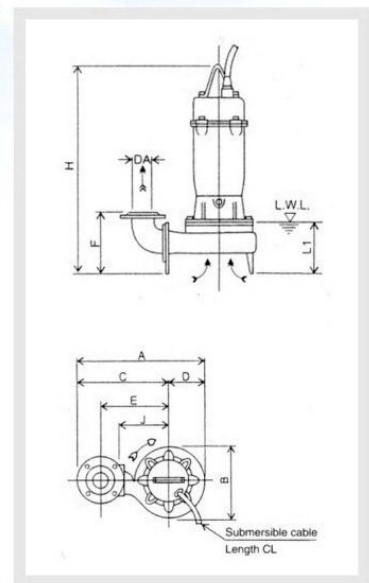
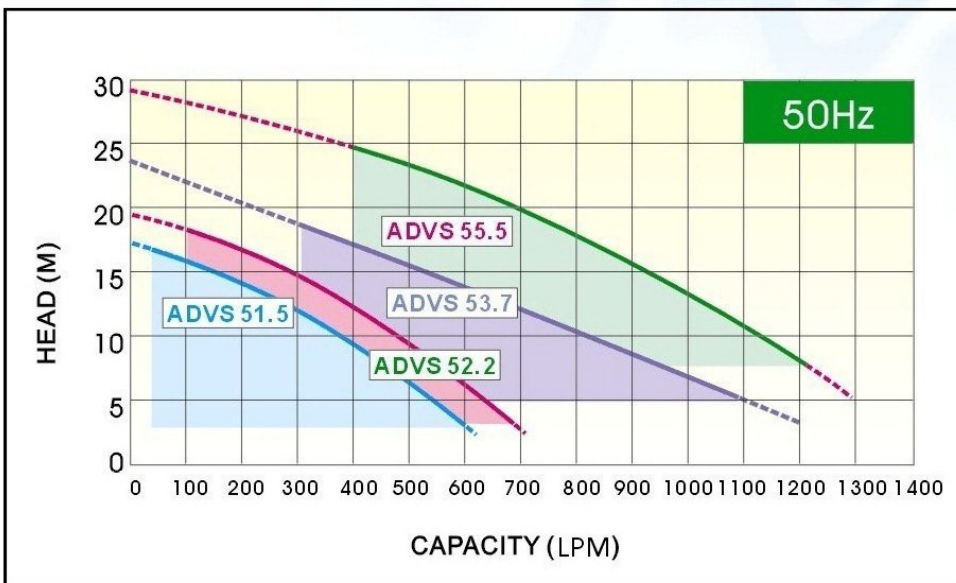




# ADVS Series



## Performance Curve



## Specification Chart & Dimension

Disch mm	Model	Out put		Phase	Q lpm	Max Head m	Q lpm	Rate Head m	Pump and Motor (mm)								
		kw	HP						A	B	C	D	E	F	H	J	L1
50 (80)	50(80)ADVS(A)-51.5	1.5	2	THREE	650	17.5	350	10	390	210	287	103	235	152	562	151	134
	50(80)ADVS(A)-52.2	2.2	3		750	19.5	450	11	390	210	287	103	235	152	562	151	134
80	80ADVS(A)-53.7	3.7	5	THREE	1200	23.5	800	10	458	227	348	110	256	225	662	176	182
	80ADVS(A)-55.5	5.5	7.5		1400	29.5	1040	12	458	227	348	110	256	225	662	176	182

\* 2HP also provide single phase 220~240V.

\* (A) is equip with float switch for automatic version.



# ADVS Series

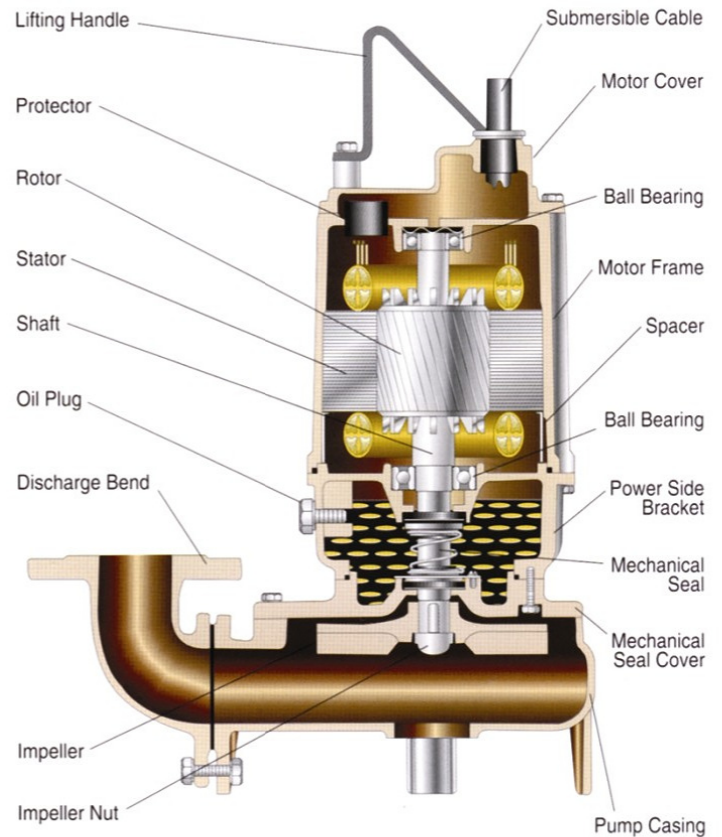
## FEATURES

- Semi-Vortex impeller**  
 The semi-vortex impeller offers non-clog operation and high pumping efficiency. Allows pumping of waste water containing foreign matter.
- Easy Maintenance**  
 Due to semi-vortex design with no strainer or close tolerance suction cover, only few bolts need to be removed for quick and easy maintenance.
- Double mechanical seal in oil chamber**  
 An oil lubricated double mechanical seal with lower faces of hard silicon carbide provides strong and reliable shaft sealing.
- In built motor protection**  
 Quick acting dual response overloads provides protection against overload, lock or open phase.
- Automatic operation**  
 All models up to 7.5 HP are available as automatic pumps with inbuilt controls and float switches. No need for separate control panels, simply connect to power source.

## APPLICATIONS

- Ideal for waste water applications containing soft or fibrous solids
- Industrial waste water drainage
- Septic effluent
- Miscellaneous drainage

## SPECIFICATION



Item		Standard	Item		Standard	
Scope	Discharge	50~80mm	Materials	Fasteners	304 Stainless Steel	
	Motor Power	2HP (1phase) , 2~7.5HP (3phase)		Mechanical Seal	Upper Faces: Carbon / Ceramic Lower Faces: Silicon Carbide / Silicon Carbide Lubricatin Oil: Turbine Oil VG32 (SAE 10W/20W)	
	Performance	40~1400 lpm Head:3~29.5 m			Motor	Type
Liquid	Type	Water containing foreign matter	Nominal Speed			3000rpm
	Temperature	0~40°C	Applicable Voltages	380~415 volts 3 phase 50Hz 220~240 volts 1 phase 50Hz		
Submergence	Max. Solids	refer to table below		Starting	DOL	
	Construction	Maximum	5m (2~3HP) 10m (5~7.5HP)	Protection Bearing	In built overload protection Pre Lubricated sealed ball bearings	
Minimum		Refer to low water level (L.W.L.) in dimensions.	Cable		Length	5M(2~3HP), 10M(5~7.5HP)
Materials	Impeller	Semi-Vortex		Accessories	Flange	Discharge elbow with screwed companion flange(50 & 80mm sizes)
	Mechanical Seal	Oil lubricated, Single spring double mechanical seal				
	Casing	Cast Iron				
	Impeller	Cast Iron				
		Shaft	410 Stainless Steel			
		Motor Frame	Cast Iron			

Solids handling			
Model	-Discharge -motor HP	50 Ø (2~3HP)	80 Ø (2~3HP)
			80 Ø (5~7.5HP)
Max. Diameter of Solids		35 mm	50 mm
Max. Length of Fibers		150~250mm	245~350mm